



STIC Search Report

EIC 3600

STIC Database Tracking Number: 202109

TO: Elaine Gort
Location: 5B07
Art Unit : 3627
Thursday, September 21, 2006
Case Serial Number: 09/488924

From: Janice Burns
Location: EIC 3600
Knox 4B71
Phone: 2-3518
Janice.Burns@uspto.gov

Search Notes

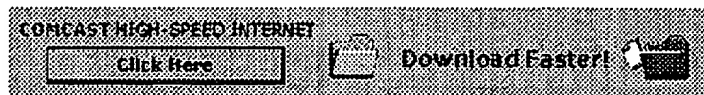
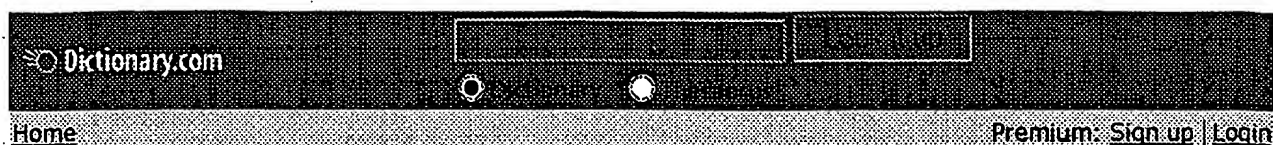
Dear Examiner

Please review the following results. I found a number of articles about your assignee Microstrategy.

If you have an questions or need a refocused please feel to contact me.

Janice Burns, MLS
ASRC Aerospace Corporation
US Patent & Trademark Office
Scientific & Technical Information Center
Electronic Information Center 3600
571-272-3518
571-273-0046 (fax)
Janice.Burns@uspto.gov

705 Temp. Search
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All tabbed docs.
9/10/06
EJB



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Found on
internet search
9/02

Dictionary - Thesaurus

Get the Top 10 Most Popular Sites for "subscription"

6 entries found for *subscription*.

sub·scrip·tion

Pronunciation Key (səb-skrīp'shən)

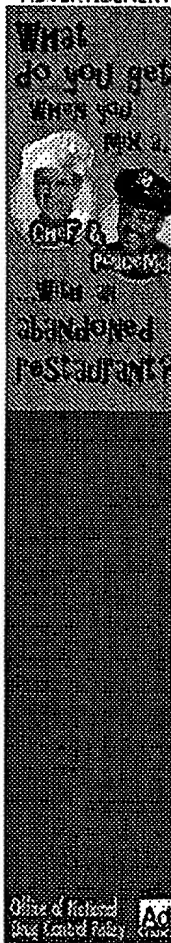
n.

1.
 - a. A purchase made by signed order, as for a periodical for a specified period of time or for a series of performances.
 - b. An agreement to receive or be given access to electronic texts or services, especially over the Internet.
2. Acceptance, as of articles of faith, demonstrated by the signing of one's name.
3.
 - a. The raising of money from subscribers.
 - b. A sum of money so raised.
4. The signing of one's name, as to a document.
5. Something subscribed.

[Middle English *subscripcion*, from Old French *subscription*, from Latin *subscrip̄tiō*, *subscrip̄tiōn-*, *something written underneath*, from *subscrip̄tus*, past participle of *subscribere*, *to subscribe*. See *subscribe*.]

sub·scrip·tive *adj.*sub·scrip·tive·ly *adv.*Source: *The American Heritage® Dictionary of the English Language, Fourth Edition*

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Source: *Merriam-Webster Medical Dictionary*, © 2002 Merriam-Webster, Inc.

subscription

\Sub*scrip"tion\, n. [L. subscriptio: cf. F. souscription.] 1. The act of subscribing.

2. That which is subscribed. Specifically: (a) A paper to which a signature is attached. (b) The signature attached to a paper. (c) Consent or attestation by underwriting the name. (d) Sum subscribed; amount of sums subscribed; as, an individual subscription to a fund.

3. (Eccl.) The acceptance of articles, or other tests tending to promote uniformity, esp. (Ch. of Eng.), formal assent to the Thirty-nine Articles and the Book of Common Prayer, required before ordination.

4. Submission; obedience. [Obs.]

You owe me no subscription. --Shak.

5. (Pharm.) That part of a prescription which contains the direction to the apothecary.

Source: *Webster's Revised Unabridged Dictionary*, © 1996, 1998 MICRA, Inc.

subscription

n 1: a payment for consecutive issues of a newspaper or magazine for a given period of time 2: agreement expressed by (or as if expressed by) signing your name 3: a pledged contribution

Source: WordNet ® 1.6, © 1997 Princeton University

subscription

subscription: in CancerWEB's On-line Medical Dictionary

Source: On-line Medical Dictionary, © 1997-98 Academic Medical Publishing & CancerWEB

Perform a new search, or try your search for "subscription" at:

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EIC2100 COMMERCIAL DATABASE SEARCH REQUEST

Staff Use Only

Complete 705 Template Search Requested

☒ RUSH - SPE signature required: Vincent M. H. Spe

Access DB# 202109

Business Methods Case: 705/ 26

Log Number _____

Write in 705 subclass(es) to search required files for 705 cases or cases cross referenced in 705.

Requester's Full Name: Elaine Gort Examiner #: 77459 Date: 9/19/06

Art Unit: 3627 Phone Number 571/272-6781 Serial Number: 9/488,924

Bldg & Room #: Knox 5B07 Results Format Preferred: PAPER

If more than one search is submitted, please prioritize searches in order of need.

Provide the PALM Bib page or the following:

Title of Invention: see attached bib sheet

Inventors (provide full name): see bib sheet

Earliest Priority Filing Date: 1/21/2000

Requested attachments:

- If possible, provide the cover sheet, the IDS, examples, or relevant citations, authors, etc. if known.
- Please attach copies of the parts of this case that help explain or are most pertinent to this search. Examples are: abstract, background, summary, claim(s) [not all of the claims].

See particularly claims

The claimed or apparent novelty of the invention is:

A system for delivery personalized informational content to subscribers comprising:
a personalized intelligence network system comprising:
Subscription means for enabling users to subscribe to ^{one or} more than one services on
one or more channel databases;
personalization means for enabling users to indicate personalization options relating to
the one or more services;
One or more channel databases containing informational data about a subject

This search should focus on: matter of interest for a plurality of subscribers;
(Also include keywords or synonyms) Service processing means for processing at least one
Service for a plurality of subscribers using the info from one of the channel
databases;
output forwarding means for automatically forwarding output from the
services to one or more subscriber output devices specified for that service; or
output of services to subscribers.

Special Instructions or Other Comments: internet search requested also

Thanks EHL

APPENDIX A - Pending Claims

1. A system for delivering personalized informational content to subscribers comprising:

a personalized intelligence network system comprising:

subscription means for enabling users to subscribe to one or more services on one or more channel databases;

personalization means for enabling users to indicate personalization options relating to the one or more services;

one or more channel databases containing informational data about a subject matter of interest for a plurality of subscribers;

service processing means for processing at least one service for a plurality of subscribers using the information from one of the channel databases;

output forwarding means for automatically forwarding output from the services to one or more subscriber output devices specified for that service; and

revenue generating means for generating revenue as a result of the output of services to subscribers.

2. The system of claim 1 wherein the revenue generating means comprising a subscription transaction processing means that charges subscribers fees.

3. The system of claim 2 wherein the fee charged to the subscriber is a periodic



Bib Data Sheet


UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

 Address: COMMISSIONER OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

FILE COPY

SERIAL NUMBER 09/488,924	FILING DATE 01/21/2000 RULE	CLASS 707	GROUP ART UNIT 2776	ATTORNEY DOCKET NO. 53470.000046
APPLICANTS Justin Langseth, Reston, VA ; Nicolas J. Orolin, McLean, VA ; Ajay Talwar, McLean, VA ; Phillippa J. Fishman, Fairfax, VA ;				
** CONTINUING DATA ***** ** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED .. ** 03/31/2000				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met Allowance		STATE OR COUNTRY VA	SHEETS DRAWING 20	TOTAL CLAIMS 51
Verified and Acknowledged Examiner's Signature _____ Initials _____		INDEPENDENT CLAIMS 2		
ADDRESS Hunton & Williams 1900 K Street NW Suite 1200 Washington ,DC 20006-1109				
TITLE SYSTEM AND METHOD FOR REVENUE GENERATION IN AN AUTOMATIC, REAL-TIME DELIVERY OF PERSONALIZED INFORMATIONAL AND TRANSACTIONAL DATA				
FILING FEE RECEIVED 1248	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

 RECEIVED
 JUN 26 2000
 TECH CENTER 2700
 APR 20 2000
 MAY 20 2000
 JUN 26 2000
 TC 2700 MAIL ROOM
 TC 2700 MAIL ROOM

Set	Items	Description
S1	10	AU=(LANGSETH, J? OR LANGSETH J? OR JUSTIN(2N)LANGSETH) OR - BY=(JUSTIN(2N)LANGSETH)
S2	0	AU=(OROLIN, N? OR OROLIN N? OR NICOLAS(2N)OROLIN) OR BY=(N- ICOLAS(2N)OROLIN)
S3	38	AU=(TALWAR, A? OR TALWAR A? OR AJAY(2N)TALWAR) OR BY=(AJAY- (2N)TALWAR)
S4	63	AU=(FISHMAN, P? OR FISHMAN P? OR PHILLIPPA(2N)J. FISHMAN) - OR BY=(PHILLIPPA(2N)J. FISHMAN)
S5	0	S1 AND S3 AND S4
S6	111	S1 OR S3 OR S4
S7	94	RD (unique items)
S8	0	S7 AND ((PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR IN- DIVIDUALIS? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR C- USTOMI?ES OR CUSTOMIZE?D OR CUSTOMI?ING) (2N) (INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER OR SPORTS OR STORIES OR (INFORMA

File 2:INSPEC 1898-2006/Sep W2
(c) 2006 Institution of Electrical Engineers

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File 15:ABI/Inform(R) 1971-2006/Sep 20
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File 20:Dialog Global Reporter 1997-2006/Sep 21
(c) 2006 Dialog

File 610:Business Wire 1999-2006/Sep 21
(c) 2006 Business Wire.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 476:Financial Times Fulltext 1982-2006/Sep 22
(c) 2006 Financial Times Ltd

File 613:PR Newswire 1999-2006/Sep 21
(c) 2006 PR Newswire Association Inc

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2006/Sep 20
(c) 2006 San Jose Mercury News

File 624:McGraw-Hill Publications 1985-2006/Sep 20
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File 9:Business & Industry(R) Jul/1994-2006/Sep 20
(c) 2006 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2006/Sep 20
(c) 2006 The Gale Group

File 621:Gale Group New Prod. Annou. (R) 1985-2006/Sep 19
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File 636:Gale Group Newsletter DB(TM) 1987-2006/Sep 20
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File 16:Gale Group PROMT(R) 1990-2006/Sep 20
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File 148:Gale Group Trade & Industry DB 1976-2006/Sep 21
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(c) 2006 Info.Sources Inc
File 47:Gale Group Magazine DB(TM) 1959-2006/Sep 20
(c) 2006 The Gale group
File 570:Gale Group MARS(R) 1984-2006/Sep 20
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File 635:Business Dateline(R) 1985-2006/Sep 20
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(c) 2006 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2006/Sep 21
(c) 2006 Times Newspapers
File 711:Independent(London) Sep 1988-2006/Sep 20
(c) 2006 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2006/Sep 21
(c) 2006 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2006/Sep 21
(c) 2006
File 387:The Denver Post 1994-2006/Sep 20
(c) 2006 Denver Post
File 471:New York Times Fulltext 1980-2006/Sep 21
(c) 2006 The New York Times
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
(c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2006/Sep 19
(c) 2006 St Louis Post-Dispatch
File 631:Boston Globe 1980-2006/Sep 20
(c) 2006 Boston Globe
File 633:Phil.Inquirer 1983-2006/Sep 20
(c) 2006 Philadelphia Newspapers Inc
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(c) 2006 Newsday Inc.
File 640:San Francisco Chronicle 1988-2006/Sep 21
(c) 2006 Chronicle Publ. Co.
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(c) 2006 The Miami Herald Publishing Co.
File 703:USA Today 1989-2006/Sep 20
(c) 2006 USA Today
File 704:(Portland)The Oregonian 1989-2006/Sep 16
(c) 2006 The Oregonian
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File 715:Christian Sci.Mon. 1989-2006/Sep 21
(c) 2006 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2006/Sep 19
(c) 2006 The Plain Dealer
File 735:St. Petersburg Times 1989- 2006/Sep 19
(c) 2006 St. Petersburg Times

Set	Items	Description
S1	38859	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	2907283	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	744210	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	1664997	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	2348297	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	540788	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	926436	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	3942	S1(5N)S2
S9	111683	S5(S)S6
S10	329	S8 AND S9
S11	20	S10 AND S3
S12	13	S11 AND S4
S13	13	S12 AND S7
S14	11	S13 AND IC=(G06F? OR H04L?)
S15	11	IDPAT (sorted in duplicate/non-duplicate order)
S16	11	IDPAT (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD=C200659

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File 344:Chinese Patents Abs Jan 1985-2006/Jan

(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

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16/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015156691 - Drawing available

WPI ACC NO: 2005-506271/200551

XRPX Acc No: N2005-413279

Advertisement data subscribing method in advertising and content delivery system, involves sending advertisement data selected from aggregated advertisement data, to desired receiving devices at desired times and/or time intervals

Patent Assignee: GOYAL S (GOYA-I)

Inventor: GOYAL S

Patent Family (1 patents, 106 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2005059676	A2	20050630	WO 2004IN388	A	20041213	200551 B

Priority Applications (no., kind, date): US 2003530305 P 20031216

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2005059676	A2	EN	57	16	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

Original Titles:

A METHOD AND SYSTEM FOR **PERSONALIZED** REQUEST/ **SUBSCRIPTION** BASED ADVERTISING AND **CONTENT SERVICES**

...

...PROCEDE ET SYSTEME DESTINES A DES DEMANDE/ABONNEMENT PERSONNALISES ET FONDES SUR DES **SERVICES** DE PUBLICITE ET DE CONTENU

Alerting Abstract ...computer, laptops, mobile phones, personal digital assistant (PDA), telephone, watch, PalmPilot, cellular phone, 2-way **pager** and TV set-top box for provision along with content e.g. stocks, sports, financial...

...box, telephone, cellular phone, PDA, personal computer, watch and cordless telephone in advertising and content **delivery** system...
...ADVANTAGE - The **user** can control when and how the advertisement is received in unobtrusive and **user** -friendly manner...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the advertising and content **delivery** system.

Title Terms.../Index Terms/Additional Words: **SUBSCRIBER** ;

Class Codes

International Classification (Main): **G06F**

Original Publication Data by Authority

Original Abstracts:

The invention relates to a method and system of receiving **personalized** request/ **subscription** based advertising and **content services** on mobile communication device(s), wherein a **user** can configure what information to receive, when to receive the information, how to view / listen...

...received and set appropriate alert levels for different types of information requested / subscribed by the **user** . The invention also proposes a methodology for **sending** contextual advertisements that are based on the **user** requests/ **subscriptions** .

...

...un procede et un systeme permettant de recevoir une demande/abonnement personnalise en fonction de **services** de publicite/contenu sur des dispositifs de communication mobile, un utilisateur pouvant configurer le type

16/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0014243675 - Drawing available

WPI ACC NO: 2004-429717/200440

Related WPI Acc No: 2001-181345; 2001-315249; 2001-520299; 2001-637770;

2003-624991; 2004-223952; 2001-578960; 2003-656638; 2003-719893;

2003-831956; 2004-050582; 2004-578776; 2004-591161; 2004-660513;

2004-717290; 2005-055708; 2005-088220; 2005-193562; 2005-293138;

2005-329676; 2005-616952; 2005-627953; 2005-675481; 2005-701762;

2005-712564; 2005-777043; 2006-237844; 2006-566599

XRFX Acc No: N2004-339646

Personalized intelligence system for delivering intelligence and transactional data, has service processing unit to process subscriber request based on information to schedule services that are output to subscriber devices

Patent Assignee: MICROSTRATEGY INC (MICR-N)

Inventor: FISHMAN P J; LANGSETH J; TALWAR A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6741980	B1	20040525	US 1999126055	P	19990323	200440 B
			US 1999343356	A	19990630	
			US 2000488919	A	20000121	

Priority Applications (no., kind, date): US 1999126055 P 19990323; US 1999343356 A 19990630; US 2000488919 A 20000121

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6741980	B1	EN	32	17	Related to Provisional US 1999126055 C-I-P of application US 1999343356

Personalized intelligence system for delivering intelligence and transactional data, has service processing unit to process subscriber request based on information to schedule services that are output to subscriber devices

Original Titles:

System and method for automatic, real-time delivery of **personalized** informational and **transactional data** to **users** via content delivery device

Alerting Abstract ...NOVELTY - The system has **channel databases** with informational data about a subject matter of interest e.g. business, weather. The information is organized into **channels** that provide predefined **services** based on the stored content. A **subscription** receiving unit to receive requests from the **users**. A service processing unit to process each request based on stored information to schedule **services** that are output to **subscriber** devices. DESCRIPTION - Each **subscription** request has a selection of **channel**, service for each **channel**, and personalized feature for each service of each selected **channel**. An INDEPENDENT CLAIM is also included for a method for **delivering personalized intelligence** to **subscribers**.

...

...USE - Used for **delivering personalized intelligence** and **transactional data** to **users** through content **delivery** device e.g. electronic mail, spreadsheet program, **pager**, telephone, **mobile phone**, fax, **personal digital assistant**, HTML electronic mail, WAP device...

...The service processing unit process each request based on the informational data stored in the **channel databases** to schedule **services**, thereby accurately **delivering** the information at right time...

...DESCRIPTION OF DRAWINGS - The drawing shows a method of processing **services**.

Title Terms.../Index Terms/Additional Words: **SUBSCRIBER** ;

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0007/00 ...

G06F-0007/00 ...

Original Publication Data by Authority

Original Abstracts:

A personal **intelligence** network that actively delivers highly **personalized** and timely informational and **transactional data** from an OLAP based **channel database** system to individuals via e-mail, spreadsheet programs (over e-mail), **pager**, telephone, **mobile phone**, fax, **personal digital assistants**, HTML **e-mail** and other formats.

Claims:

What is claimed is: 1. A **personalized intelligence** system comprising: one or more **channel databases** containing informational data about a subject matter of interest, the information being organized into one or more **channels**, each **channel** providing a plurality of predefined **services** based on content from the data stored relative to that **channel** and allowing a **subscriber** to that **channel** to personalize the plurality of **services** in the **channel**; a **subscription** receiving means for receiving **subscriptions** from a plurality of **users**, each **subscription** including a selection of at least one **channel**, at least one service from the plurality of predefined **services** for each **channel**, and at least one personalized feature for each service of each **channel** selected; an OLAP system for processing reports against the informational data contained in the **database**; service processing means for processing for each of a

plurality of **subscribers** , each **channel** selection, service selection, and **personalization** selection based on **information** from the one or more **channel databases** , including the generation of at least one report by the OLAP system that includes the results of the processing of the **channel** , service, and personalization inputs for each of the plurality of **subscribers** ; and output forwarding means for automatically forwarding output from the **services** to one or more **subscriber output devices** specified for that service.

16/3,K/3 (Item 3 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0014041763 - Drawing available
 WPI ACC NO: 2004-223952/200421
 Related WPI Acc No: 2001-181345; 2001-315249; 2001-520299; 2001-637770;
 2003-624991; 2004-429717; 2001-578960; 2003-656638; 2003-719893;
 2003-831956; 2004-050582; 2004-578776; 2004-591161; 2004-660513;
 2004-717290; 2005-055708; 2005-088220; 2005-193562; 2005-293138;
 2005-329676; 2005-616952; 2005-627953; 2005-675481; 2005-701762;
 2005-712564; 2005-777043; 2006-237844; 2006-566599

XPX Acc No: N2004-176858

Automatic real-time personalized intelligence system has service processor for processing channel selection, server selection and personalization selection for each subscriber based on information obtained from channel databases

Patent Assignee: MICROSTRATEGY INC (MICR-N)

Inventor: FISHMAN P J; LANGSETH J; TALWAR A

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6694316	B1	20040217	US 1999126055	P	19990323	200421 B
			US 2000488920	A	20000121	

Priority Applications (no., kind, date): US 1999126055 P 19990323; US 2000488920 A 20000121

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6694316	B1	EN	35	19	Related to Provisional US 1999126055

Automatic real-time personalized intelligence system has service processor for processing channel selection, server selection and personalization selection for each subscriber based on information obtained from channel databases

Original Titles:

System and method for a subject-based **channel** distribution of automatic, real-time delivery of **personalized** informational and **transactional data**

Alerting Abstract ...an output forwarding unit for automatically forwarding the output of a service processor to specified **subscriber output devices** . The service processor is provided for processing the **channel** selection, server selection and personalization selection for each **subscriber** based on information obtained from the **channel databases**the report by an online analytical processing (OLAP) system that includes the processing results for **channel** , service and personalization inputs for each **subscriber** . The OLAP system processes reports against the information contained in the **channel databases** . A **subscription**

receiver obtains the **subscriptions** from several **users** , in which each **subscription** includes the **channel** selection, **channel** service and personalized feature for each service of each **channel** selected. The **channel databases** contains information about different subject matters e.g. finance **channel** , sports **channel** , weather **channel** , travel **channel** , business **channel** , news **channel** .

...

...An INDEPENDENT CLAIM is included for the **delivery** of **personalized intelligence** to **subscribers** .

...

...USE - For subject-based **channel** distribution of automatic, real-time **delivery** of **personalized information** and **transactional data** .

...

...ADVANTAGE - Provides several **channels** of personal intelligence content to enable **subscribers** to more specifically choose the content they desire to receive. Enables **users** to more easily identify the content they want and provides more options to customize **fees** that may be **charged** to the **subscriber** . Provides **content** from which **personalized intelligence** network actively **delivers** highly **personalized** and timely informational and transactional **content** to **subscribers** via **email** , spreadsheet programs, **pager** , telephone, **mobile phone** , fax, **personal digital assistants** , HTML **email** , and other formats to generate revenues from **subscription fees** , transactional **fees** , bundling **fees** and advertising **fees** . Includes local, national and international data to enable **users** to receive a wide variety of information and data. Provides **user** with information required to make completely informed decisions faster, easier and cheaper...

...DESCRIPTION OF DRAWINGS - The figure is a schematic diagram showing the flow of **information** in the **personalized intelligence** network.

Title Terms.../Index Terms/Additional Words: **CHANNEL** ; ...

... **SUBSCRIBER** ;

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04L-0029/06 ...

... H04L-0029/08

H04L-0029/06 ...

... H04L-0029/08

Original Publication Data by Authority

Original Abstracts:

This invention relates to an automatic real-time **personalized intelligence** network that actively **delivers** a plurality of **channels** of **personalized** and timely informational and transactional **content** from an OLAP-based system to individuals through use of a high-speed processing and output **delivery** system to **email** , Excel, **pager** , **mobile phone** , fax, telephone, **personal digital assistants** and other terminal devices. The **channels** may include one or more of a sports **channel** , a weather

channel , a travel **channel** , a finance **channel** , a business **channel** , a news **channel** , a radio content **channel** , and a television content **channel** . **Users** may subscribe to various **channels** of content and to specific **services** within each **channel** that are **delivered** when a predetermined condition occurs (e.g., based on a schedule, when an exception condition...

Claims:

What is claimed is: 1. A **personalized intelligence** system comprising: one or more **channel databases** containing informational data about a plurality of subject matters of interest including at least two subject matters from a list of a finance **channel** , a sports **channel** , a weather **channel** , a travel **channel** , a business **channel** , a personalized radio **channel** , a **personalized television channel** , and a **news channel** , each **channel** providing a plurality of predefined **services** based on content from the data stored relative to that **channel** and allowing a **subscriber** to that **channel** to personalize the plurality of **services** in the **channel** ; a **subscription** receiving means for receiving **subscriptions** from a plurality of **users** , each **subscription** including a selection of at least one **channel** from a plurality of **channels** , at least one service from the plurality of predefined **services** for each **channel** , and at least one personalized feature for each service of each **channel** selected; an OLAP system for processing reports against the informational data contained in the **database** ; service processing means for processing for each of a plurality of **subscribers** , each **channel** selection, server selection, and **personalization** selection based on **information** from the one or more **channel databases** , including the generation of at least one report by the OLAP system that includes the results of the processing of the **channel** , service, and personalization inputs for each of the plurality of **subscribers** ; and output forwarding means for automatically forwarding output from the **services** to one or more **subscriber output devices** specified for that service.

16/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013927871 - Drawing available

WPI ACC NO: 2004-107789/

XRPX Acc No: N2004-085710

Content service network for personalizing webpage contents, has service-enabled proxy servers that render subscriber 's service request, when content messages passing through content delivery path satisfy service conditions

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: CHEN Y; MA W; MA W Y; SUN L; XIE X; YUAN C; ZHANG H

Patent Family (3 patents, 33 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
US 20040003032	A1	20040101	US 2002184438	A	20020628	200411 B
EP 1385310	A2	20040128	EP 200312927	A	20030606	200411 E
JP 2004070936	A	20040304	JP 2003181887	A	20030625	200417 E

Priority Applications (no., kind, date): US 2002184438 A 20020628

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040003032	A1	EN	15	7	
EP 1385310	A2	EN			

Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
JP 2004070936 A JA 18

Content **service network** for personalizing **webpage contents**, has **service-enabled proxy servers** that render subscriber 's service request, when content messages passing through content delivery path satisfy service conditions

Original Titles:

...System and method for providing content-oriented **services** to content providers and content **consumers**
...

...Systeme et procede de fourniture de **services** orientes-contenu aux fournisseurs et aux consommateurs de contenus...

...SYSTEM AND METHOD FOR PROVIDING CONTENT-ORIENTED SERVICE TO CONTENT PROVIDER AND CONTENT **CONSUMER**
...

...System and method for providing content-oriented **services** to content providers and content **consumers**

Alerting Abstract ...servers (76) positioned in content delivery path. The management server of service delivery network translates **subscriber** 's service request into service instructions with service bonded data, and distributes instructions to a...

...USE - For delivering content **services** e.g. **content** filtering and **personalization** , webpage adaptation for viewing on small Internet devices, video stream transcoding for viewing on **mobile devices** , language translation of webpage contents through content **delivery** networks (CDNs) e.g. enterprise-wide computer networks, intranets and Internet. Also applicable for providing other **services** such as webpage, watermarking and virus scanning...

...ADVANTAGE - A framework for providing content oriented **services** to enhance or modify the contents by both the content providers and content **consumers** , is achieved...

...DESCRIPTION OF DRAWINGS - The figure shows a schematic view explaining the communication among the service **subscriber** and server of service **delivery** network...

...96 end **user**
...

...136 service **subscription**

Title Terms.../Index Terms/Additional Words: **SUBSCRIBER** ;

Class Codes

International Classification (Main): **G06F-013/00** ...

... **G06F-015/16** ...

... **H04L-029/06**

(Additional/Secondary): **G06F-015/00** ...

... **G06F-017/60**

Original Publication Data by Authority**Original Abstracts:**

A content service network for providing content-oriented **services** over the Internet or similar networks comprises a service delivery overlay having a plurality of...

...a plurality of service-enabled proxies in content delivery paths between content providers and content **consumers**. The service delivery overlay and the content delivery network collaborate to provide content-oriented processing, such as adaptive video delivery, **content personalization**, language translation, etc. The **content** service network accepts **subscriptions** from content providers and content **consumer**. For each **subscription**, service instructions including service binding data for binding the subscribed **services** with the **subscriber**'s identity are generated and distributed to the service-enabled proxies. When a service-enabled...

...A content service network for providing content-oriented **services** over the Internet or similar networks comprises a service delivery overlay having a plurality of...

...a plurality of service-enabled proxies in content delivery paths between content providers and content **consumers**. The service delivery overlay and the content delivery network collaborate to provide content-oriented processing, such as adaptive video delivery, **content personalization**, language translation, etc. The **content** service network accepts **subscriptions** from content providers and content **consumer**. For each **subscription**, service instructions including service binding data for binding the subscribed **services** with the **subscriber**'s identity are generated and distributed to the service-enabled proxies. When a service-enabled...

Claims:

A content service network for providing content-oriented **services** on contents delivered over a wide-area network, comprising: a content delivery network having a plurality of service-enabled proxies disposed in content delivery paths between content providers and content **consumers** on the wide-area network; and a service delivery overlay having a plurality of application servers for performing content processing for rendering content-oriented **services** and at least service management server for managing service **subscription**, the service management server having a service **subscription** component for receiving service **subscriptions** for content-oriented **services** from **subscribers**, creating for each subscribed service a service instruction including service binding data identifying a **subscriber** for said each subscribed service and identifying said each subscribed service, and distributing the service...

...What is claimed is: b 1 /b . A content service network for providing content-oriented **services** on contents delivered over a wide-area network, comprising: a content delivery network having a plurality of service-enabled proxies disposed in content delivery paths between content providers and content **consumers** on the wide-area network; and a service delivery overlay having a plurality of application servers for performing content processing for rendering content-oriented **services** and at least service management server for managing service **subscription**, the service management server having a service **subscription** component for receiving service **subscriptions** for content-oriented **services** from **subscribers**, creating for each subscribed service a service instruction including

service binding data identifying a **subscriber** for said each subscribed service and identifying said each subscribed service, and distributing the service...

16/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013564555 - Drawing available

WPI ACC NO: 2003-658787/

XRPX Acc No: N2003-525096

Display content arrangement customization method for web enabled mobile computing device, involves creating template file which includes static content, references to dynamic content and layout information corresponding to references

Patent Assignee: GOODACRE A J (GOOD-I); HITCHMAN D (HITC-I); MERRICK B (MERR-I)

Inventor: GOODACRE A J; HITCHMAN D; MERRICK B

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030106022	A1	20030605	US 200110190	A	20011205	200362 B

Priority Applications (no., kind, date): US 200110190 A 20011205

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030106022	A1	EN	15	3		

Alerting Abstract DESCRIPTION - An INDEPENDENT CLAIM is also included for computer program product for **customizing content** to be displayed in mobile computing device...

...USE - For **customizing** the arrangement of **content** displayed on display device of web enabled mobile computing device such as mobile telephone, personal digital assistant (PDA), **pager**, hand-held devices and laptop computer, and personal computer, multiprocessor system, microprocessor based or programmable **consumer** electronics, network personal computer, minicomputer, and mainframe computer...

Class Codes

International Classification (Main): **G06F-015/00**

Original Publication Data by Authority

Original Abstracts:

...In response to receiving a registration that includes a request for particular dynamic content, a **subscription** service creates a template file. The template file includes static content, references to dynamic content...

...stored on a mobile computing device. When dynamic content is updated the dynamic content is **pushed** to the **mobile** computing **device** via a **push** gateway. Dynamic content may be included in a service indication message that is **pushed** to the **mobile** computing **device** via a wireless protocol. Dynamic content may be stored in an update store included in the **mobile** computing **device**. At an appropriate time computer-executable instructions may be executed that merge content from the...

Claims:

...the one or more associated networks, wherein the computing device may receive registrations associated with **subscription services**, the registrations including requests to receive content that is updated automatically and without **user** intervention, a method for **customizing** the arrangement of **content** displayed on the display device of a mobile computing device so as to allow a **user** to **personalize** the displayed **content** for their specific needs, the method comprising: an act of creating a template file, which represents a layout for displaying content that is updated automatically and without **user** intervention, by performing the acts of: an act of generating static content and layout information...

16/3,K/6 (Item 6 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0013204760 - Drawing available
 WPI ACC NO: 2003-289021/
 XRPX Acc No: N2003-229845

Customized information **preparation and distribution system, develops and transmits Personcast briefing sets individualized to end- user to appropriate end- user through distributor**

Patent Assignee: NEWMAN B D (NEWM-I)

Inventor: NEWMAN B D

Patent Family (1 patents, 1 countries)

Patent		Application	
Number	Kind Date	Number	Kind Date Update
US 20030014414	A1 20030116	US 2000732147	A 20001207 200328 B

Priority Applications (no., kind, date): US 2000732147 A 20001207

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20030014414	A1	EN	7	1	

Customized information **preparation and distribution system, develops and transmits Personcast briefing sets individualized to end- user to appropriate end- user through distributor**

Original Titles:

Personcast - customized end- **user** briefing

Alerting Abstract ...NOVELTY - A central system personalization unit distributes an operational master list to an end- **user** and receives the end- **user** 's working list. A central system **database** (1) stores the end- **user** preferences and working list **information**, and develops Personcast briefing sets **individualized** to the end- **user**. A transmitter transmits the Personcast briefing sets to the appropriate end- **user** through a distributor (2)....summaries of long documents, research information, information about scientific facts, discussions and encyclopedias, to end- **users**.

...

...Personcast permits accurate retrieval and formatting of specific and timely information, and allows the end- **user** to specifically request recent articles from a variety of topics and sub-topics. Also, an Internet newsletter publisher can supply appropriately formatted documents without restriction to the end- **user**.

...

...DESCRIPTION OF DRAWINGS - The figure shows the **customized information** preparation and distribution system...

...1central system **database**

Title Terms.../Index Terms/Additional Words: **USER** ;

Class Codes

International Classification (Main): **G06F-017/30**

(Additional/Secondary): **G06F-007/00**

Original Publication Data by Authority

Original Abstracts:

...to avoid the effort of managing and sending this information directly. This invention offers a **subscription** service for management and delivery of a **customized** , formatted, document containing **information** selected to specified **user** preferences. Delivery is via e-mail through the **user** 's internet service provider. The customized document may appear to have come directly from the **subscriber** originator. The number of articles in the document, along with the frequency by which it...

...maintaining a translation/addressing conversion mechanism at the level of the Internet service provider, all **user** preferences and anonymity are preserved. The invention also may offer a truncated version of its customized document for transmission to a **PDA**.

Claims:

b 1 /b . A system for preparing and distributing individually **customized information** to end- **user** end- **users** , characterized by:central system operational **database** means for storing operational master lists of advertisers, publishers, distributors and end- **users** , for storing a super-list of topics, sub-topics and sub-sub-topics, and for storing current and archive selection criteria;central system master **database** means for storing an updated superset of documents formatted with keywords, index, topic and content...

...stored documents;central system personalization means for distributing an operational master list to a end- **user** and for receiving the end- **user** 's working list as a briefing of selection and sequencing of index, content and topic identifications by the individual end- **user** ;central system means for storing end- **user** preference, advertising lockout and working list information and for querying said central system master **database** means according to said central system operational means and for developing Personcast briefing sets individualized to the end- **user** ; andtransmission means for sending said Personcast briefing sets individualized to the end -user to the appropriate end -user via a Distributor.

16/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012469665 - Drawing available

WPI ACC NO: 2002-416037/200244

XRPX Acc No: N2002-327339

Interactive information communication in cellular/satellite communication, involves accessing user preference profile for delivery of information,

based on relative position of user 's wireless communication device

Patent Assignee: WISCOM TECHNOLOGIES INC (WISC-N)

Inventor: KUO W

Patent Family (2 patents, 94 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2002023309	A2	20020321	WO 2001US29209	A	20010917	200244 B
AU 200191095	A	20020326	AU 200191095	A	20010917	200251 E

Priority Applications (no., kind, date): US 2000664116 A 20000918

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2002023309	A2	EN	29	4		

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
 BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
 ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
 GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200191095 A EN Based on OPI patent WO 2002023309

Interactive information communication in cellular/satellite communication, involves accessing user preference profile for delivery of information, based on relative position of user 's wireless communication device

Alerting Abstract ...NOVELTY - A **user** preference profile is accessed through the wireless links (110). An intelligent agent communication interface (132) is provided to determine the relative position of **user 's** wireless communication device inherent to wireless network, based on which interaction with the communication network and **delivery** of information to the **wireless communication device**, are carried out....ADVANTAGE - **User**-desired information is determined and updated based on **user 's** preference profile. During off-peak access time, discounted service **charges** is obtained, thus reducing wireless access **charges**. Minimizes delay and distributes network information traffic more evenly over time. Also maintains concise information...
 ...figure shows a high level diagram of a communication network with multiple agents and multiple **users**.

Title Terms.../Index Terms/Additional Words: **USER** ;

Class Codes

International Classification (Main): **G06F**

Original Publication Data by Authority

Original Abstracts:

A system and method for an interactive information and communications agent (132) that prepares and **customizes user**-desired **information**, and manages **user** communications via wireless links (110). The agent (132) provides the desired information and communications **services** to a **user** via interactive communications environment. The agent (132) serves as a mobile personal secretary to a **user** (102) in an electronic format (i.e., software & hardware). The agent (132) searches the intranet (126) and/or the Internet (112) based on **user** commanded keywords and **user** defined preferences in his profile. The **user** preference profile enlists the default order of information to receive and defines the **user 's** range of

interest and keyword sets. The agent (132) delivers the information to the **user** (102) based on the profile once the **user** (102) activates the system. The **user** (102) may perform various operations on delivering information (e.g., pause, replay, fast forward, etc...).

...new search. The agent (132) can also perform the communications management functions including registration of **user** 's location receiving or originating calls/messages for the **user** , and sending commands to functional devices...

...l'utilisateur par l'intermediaire de liaisons sans fil (110). Cet agent (132) fournit les **services** d'informations et de communications souhaitees a un utilisateur par l'intermediaire d'un environnement...

16/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011209023 - Drawing available

WPI ACC NO: 2002-147809/200219

Related WPI Acc No: 2002-048979; 2002-328414; 2003-059482

XRPX Acc No: N2002-112037

Support system of mobile visual communications to facilitate use of Internet from extended hand-held units using quick server connection application, user validation and full motion display

Patent Assignee: MTEL LTD (MTEL-N)

Inventor: CHAN C; CHUNG L K W; HUNG L M; KWOK D T K; LEE K K; LEIF L H Y; TSANG Y S

Patent Family (2 patents, 21 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
WO 2001098854	A2	20011227	WO 2001CN1031	A	20010621	200219 B
CN 1448037	A	20031008	CN 2001814478	A	20010621	200403 E

Priority Applications (no., kind, date): US 2000212959 P 20000621; US 2000694643 A 20001023

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 2001098854	A2	EN	66	23		
National Designated States,Original: CN SG						
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE						
IT LU MC NL PT SE TR						

...to facilitate use of Internet from extended hand-held units using quick server connection application, user validation and full motion display

Alerting Abstract ...NOVELTY - The Internet service provider (24) distinguishes the mobile unit (20) from a desktop **user** and provides specific capabilities to allow the **user** to access all **services** available to the desktop **user** , including the E-mail server (26). A mapping server (46) manages updating of available data...
 ...initiating a search for a hand-held device. a method to display streaming video, read **E - mail** on a **hand - held device** . a method of utilizing wireless links to determine location, to connect hand-held units to a server. a method of providing **customized information** . a method of converting a web **page** .

...

...26 **E - mail** server

Title Terms.../Index Terms/Additional Words: **USER** ;

Class Codes

International Classification (Main): **G06F** ,
(Additional/Secondary): **G06F-017/30**

Original Publication Data by Authority

Original Abstracts:

...surfing. The applications include a quick connection to the server including security provisions, validation of **user** and **user** device, resumption of disconnected sessions, snapshot quantized information delivery and the ability to display full...

...In addition, fast service for likely requested location specific information, search narrowing before Web searching, **user** behavior habit learning, consideration of Internet contractual issues, a speedy search engine, an multiple private **databases** connected by high speed interconnect outside the Internet make searching more timely. Reliability of information **pages** is assured by authenticating the updates before they are placed in local storage. Applications to implement this include online authenticated snapshot update provisioning, Internet **page** conversion tools, **tailored** Internet **page** conversion tools, and **Information** Content Provider tools. The tools learn based on the activities of the **user** , moving often requested **pages** to high speed **databases** and tailoring **pages** to the presentation device for faster delivery. The system utilizes GSM, GPRS, 3G and Bluetooth...

...applications sont combinees de maniere que l'environnement sans fil soit concu pour supporter la **charge** imposee par la navigation sur le Web. Lesdites applications reposent sur une connexion rapide au...

...a grande vitesse hors Internet permet d'accelerer les recherches. Pour garantir la fiabilite des **pages** d'informations, lesdites applications authentifient les mises a jour avant leur rangement dans une memoire...

...a disposition en ligne de mises a jour authentifiees instantanement, les outils de conversion de **pages** Internet, les outils de conversion de **pages** Internet personnalises et les outils des fournisseurs de contenus d'informations. Ces outils peuvent apprendre sur la base des activites de l'utilisateur, ils déplacent les **pages** souvent demandees vers des bases de donnees a grande vitesse et adaptent les **pages** au dispositif de presentation en vue d'un acheminement plus rapide. Le systeme utilise les ...

16/3,K/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011000107 - Drawing available

WPI ACC NO: 2001-625252/

XRPX Acc No: N2001-466011

Interactive multimedia transaction system for use at commercial site, for implementing on-demand interactive multi-media based electronic purchasing services to concurrent customers at commercial site

Patent Assignee: HWANG I C (HWAN-I)

Inventor: HWANG I C; HWANG I C S

Patent Family (6 patents, 67 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2001037109	A1	20010525	WO 2000US31888	A	20001120	200172 B
AU 200117831	A	20010530	AU 200117831	A	20001120	200172 E
EP 1234243	A1	20020828	EP 2000980585	A	20001120	200264 E
			WO 2000US31888	A	20001120	
KR 2002055597	A	20020709	KR 2002706436	A	20020520	200304 E
CN 1391675	A	20030115	CN 2000815917	A	20001120	200330 E
JP 2003515222	W	20030422	WO 2000US31888	A	20001120	200336 E
			JP 2001539134	A	20001120	

Priority Applications (no., kind, date): US 1999166548 P 19991119

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001037109	A1	EN	107	7	
National Designated States,Original: AL AM AU BA BG BR CA CN CZ EE GE HR HU ID IL IS JP KE KP KR KZ LK LR LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TR UA US UZ VN YU ZW					
Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
AU 200117831	A	EN			Based on OPI patent WO 2001037109
EP 1234243	A1	EN			PCT Application WO 2000US31888
					Based on OPI patent WO 2001037109
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2003515222	W	JA	118		PCT Application WO 2000US31888
					Based on OPI patent WO 2001037109

...for use at commercial site, for implementing on-demand interactive multi-media based electronic purchasing services to concurrent customers at commercial site

Original Titles:

...SYSTEM AND METHOD FOR IMPLEMENTING ON-SITE ELECTRONIC PURCHASING USING USER -OPERATED TERMINALS...

...SYSTEM AND METHOD FOR IMPLEMENTING ON-SITE ELECTRONIC PURCHASING USING USER -OPERATED TERMINALS...

Alerting Abstract ...NOVELTY - The interactive advertising-based transaction-enabling system uses **user** -operated terminals for rendering online and on-site electronic purchasing and e-commerce **services** . . . interactive multimedia transaction system provides interactive multimedia based electronic purchasing to a group of concurrent **customers** in a commercial site via **user** operated wired and wireless transaction terminals i.e. commercial Personal Digital Assistants (**PDA**s). INDEPENDENT CLAIMS are included for; an interactive multimedia transaction system for use at a commercial site; a method of processing advertising content in a multi-media based, multi- **user** interactive system; a method for providing on-site electronic commerce **services** in a multi-media, multi- **user** interactive system at a commercial site; a method for processing, in real-time, electronic currency in a multi-media, multi- **user** interactive system at a commercial site; a processing unit for on-site electronic purchasing using a number of **user** -operated terminals; a method for conducting secure on-site electronic commerce including at least one of **customised content delivery** , interactive advertising and interactive payment...

...USE - In multi- **user** transaction enabling systems for implementing mission critical on-demand interactive multi-media based electronic purchasing **services** to community of concurrent **customers** at a commercial site...

...ADVANTAGE - Allows number of personal-based accessories e.g. cellphones and hand-held **PDA**s to interface with commercial **PDA**s . Implementing on-site electronic purchasing using **user** -operated terminals...

Title Terms.../Index Terms/Additional Words: **CUSTOMER**

Class Codes

International Classification (Main): **G06F-015/16** ...

... **G06F-017/60** ...

... **G06F-019/00**

Original Publication Data by Authority

Original Abstracts:

A system that provides interactive multimedia based electronic purchasing **services** to a group of concurrent **customers** in a commercial site via **user** operated wired and wireless transaction terminals, i.e., commercial Personal Digital Assistants (**PDA**s). The disclosed system is comprised of a multiple-computer-based server array and a number of multi-link commercial **PDA**s . The invention further employs a number of unique methods for implementing interactive advertising-based, interactive payment-based, as well as **customized content** -based electronic purchasing **services** . Moreover, the invention can accommodate a plurality of concurrent **customers** ranging from a few to thousands, using multi-link-based workgroup server arrays that can **deliver** mission-critical highly-available and scaleable on-demand interactive multimedia-based electronic purchasing **services** in a commercial site...

...A system that provides interactive multimedia based electronic purchasing **services** to a group of concurrent **customers** in a commercial site via **user** operated wired and wireless transaction terminals, i.e., commercial Personal Digital Assistants (**PDA**s). The disclosed system is comprised of a multiple-computer-based server array and a number of multi-link commercial **PDA**s . The invention further employs a number of unique methods for implementing interactive advertising-based, interactive payment-based, as well as **customized content** -based electronic purchasing **services** . Moreover, the invention can accommodate a plurality of concurrent **customers** ranging from a few to thousands, using multi-link-based workgroup server arrays that can **deliver** mission-critical highly-available and scaleable on-demand interactive multimedia-based electronic purchasing **services** in a commercial site...

...Système fournissant des **services** d'achats en ligne a base de multimedia interactif a un groupe de **clients** simultanes dans un site commercial, par l'intermediaire de terminaux transactionnels a fil et sans ...

...interactif et a publicite interactive. Par ailleurs, le systeme de l'invention peut prendre en **charge** plusieurs **clients** simultanes, de quelques uns a des milliers, au moyen de groupements de serveurs de groupes

de travail a liaisons multiples, pouvant fournir des **services** d'achats en ligne a base de multimedia interactif sur demande, extensibles, hautement disponibles et...

16/3,K/10 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010899578 - Drawing available

WPI ACC NO: 2001-520299/200157

Related WPI Acc No: 2001-181345; 2001-315249; 2001-637770; 2003-606698;
2003-624991; 2004-223952; 2004-429717; 2001-578960; 2003-656638;
2003-719893; 2004-050582; 2004-578776; 2004-591161; 2004-660513;
2004-717290; 2005-055708; 2005-088220; 2005-193562; 2005-293138;
2005-329676; 2005-616952; 2005-627953; 2005-675481; 2005-701762;
2005-712564; 2005-777043; 2006-237844; 2006-566599

XRFX Acc No: N2001-385281

Automatic personalized report generation system for communication network, processes the scheduled service data for generating personalized output report for each subscriber, based on subscriber specific information

Patent Assignee: MICROSTRATEGY INC (MICR-N)

Inventor: TRENKAMP R G; WILDING P G; YOST K N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6269393	B1	20010731	US 1999126055	P	19990323	200157 B
			US 1999343562	A	19990630	
			US 2000597689	A	20000619	

Priority Applications (no., kind, date): US 1999126055 P 19990323; US 1999343562 A 19990630; US 2000597689 A 20000619

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6269393	B1	EN	15	4	Related to Provisional US 1999126055 Continuation of application US 1999343562

...for communication network, processes the scheduled service data for generating personalized output report for each subscriber, based on subscriber specific information

Alerting Abstract ...NOVELTY - A service **subscription** unit recognizes various **subscriber services** to be processed on an online analytical processor, based on which personalized receivable reports are...

...A processor processes the scheduled service data to generate separate personalized output report for each **subscriber**, based on **subscriber** specific information and the report is forwarded to the **subscriber** based on the **services**. ...Automatic output data generating method for online analytical processing system; Recording medium storing personalized data **forwarding** instructions...

...USE - For communication network utilizing electronic mail, **paggers**, **personal digital assistant**, facsimiles, printers, telephones, **mobile phones** etc. Also for providing **subscriber** service reports in internet ...

...ADVANTAGE - Automatically **broadcasts** the personalized messages to **subscribers** based on the **subscriber's subscription** correctly, by

generating and **sending** a personalized report based on the **services** .

Title Terms.../Index Terms/Additional Words: **SUBSCRIBER** ;

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04L-0029/06 ...

... **H04L-0029/08**

H04L-0029/06 ...

... **H04L-0029/08**

Original Publication Data by Authority

Original Abstracts:

...processes at least one scheduled service in an on-line analytical processing system and generates **personalized** output based on **personalization information** for **subscribers** of the service to one or more **subscriber** output devices. The system enables a **user** to specify global and service-specific **personalization information** including specification of multidimensional filters to be applied to **services** and the specification of trigger criteria to be satisfied before output is generated. **Personalization information** may also be set for each output device for a particular **subscriber**.

Claims:

...of personalized output from an on-line analytical processing system, a server system comprising:service **subscription** means for enabling a plurality of **subscribers** to subscribe to a service to be processed on an on-line analytical processing system...

...in an on-line analytical processing system, generating a separate personalized output report for each **subscriber** to the service based on **subscriber** -specific **personalization information** stored for that **subscriber** from the base service output generated from the on-line analytical processing system; andoutput forwarding means for automatically forwarding personalized output from the **services** to one or more **subscriber output devices** specified for that service.

16/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2006 The Thomson Corporation. All rts. reserv.

0010704874 - Drawing available

WPI ACC NO: 2001-315249/200133

Related WPI Acc No: 2001-181345; 2001-520299; 2001-637770; 2003-606698;

2003-624991; 2004-223952; 2004-429717; 2001-578960; 2003-656638;

2003-719893; 2004-050582; 2004-578776; 2004-591161; 2004-660513;

2004-717290; 2005-055708; 2005-088220; 2005-193562; 2005-293138;

2005-329676; 2005-616952; 2005-627953; 2005-675481; 2005-701762;

2005-712564; 2005-777043; 2006-237844; 2006-566599

XRPX Acc No: N2001-226508

Server system for on-line analytical processing system, has service generation module that processes scheduled service in system and formulates separate report for each subscriber

Patent Assignee: MICROSTRATEGY INC (MICR-N)

Inventor: TRENKAMP R G; WILDING P G; YOST K N

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 6173310	B1	20010109	US 1999126055	P	19990323	200133 B
			US 1999343563	A	19990630	

Priority Applications (no., kind, date): US 1999126055 P 19990323; US 1999343563 A 19990630

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6173310	B1	EN	14	4	Related to Provisional US 1999126055

...service generation module that processes scheduled service in system and formulates separate report for each subscriber

Alerting Abstract ...NOVELTY - A service definition module enables an administrative **user** to create service with reports to be processed on on-line analytical processing system. A **subscription** interface module enables **subscribers** to subscribe to the created service and select portion of service to receive as a report. Service generation module processes the scheduled service and formulates separate report for each **subscriber**USE - For **broadcasting** information from on-line analytical processing system to **subscriber** devices such as electronic mail, **paggers** , facsimiles, printers, **mobile phones** , **personal digital assistants** , telephones...

...ADVANTAGE - The system has the capability to provide **personalized information** that are automatically **broadcast** from an on-line analytical processing system through a variety of **user output devices** , depending on the criteria established by the **user** . Enables system administrators and **users** to track and view the **subscribers** to various **services** on an on-line analytical processing **broadcast** system. Enables **users** to **personalize** the **content** of **information broadcast** from data warehouse. Provides dynamic rendering of information formatted to specific **output devices** based on values of parameters and properties...

Title Terms.../Index Terms/Additional Words: **SUBSCRIBER**

Class Codes

International Classification (+ Attributes)
IPC + Level Value Position Status Version

G06F-0017/30 ...

G06F-0017/30 ...

Original Publication Data by Authority**Original Abstracts:**

...system for automatically generating output from an on-line analytical processing system based on scheduled **services** specified by **subscribers** of the system. The system processes scheduled **services** in an on-line analytical processing system with each service comprising at least one query...

...by the on-line analytical processing system. The system then automatically forwards output from the **services** to one or more **subscriber output devices** specified for that service. **Users** may define new **services** , including the schedule of the **services** and the

type, such as alert **services** or scheduled **services** , and may also **subscriber** to the **services** provided by the system. If an alert service is processed, the system may **forward** output only when one or more alert criteria are satisfied. **Subscribers** may be specified by a dynamic recipient list that is resolved each time the service is processed to determine recipients of the service output. The **output devices** the system may **forward** output to may comprise electronic mailbox, facsimile, printer, **mobile phone** , **telephone** , **PDA** or **pager**.

Claims:

...line analytical processing system, a server system comprising:service creating means for enabling an administrative **user** to create a service comprising one or more reports to be processed on an on...

...processing system and for scheduling that service to be processed according to a schedule;service **subscription** means for enabling a plurality of **subscribers** to subscribe to the service created by the service creating means and enabling the **subscribers** to select portions of the service to receive as a report;service processing means for...

...performed by the on-line analytical processing system, and formulating a separate report for each **subscriber** based on the portions of the service that **user** selected; andoutput forwarding means for automatically forwarding output from the **services** to each **subscriber output device** subscribed to receive that service.

Set	Items	Description
S1	125328	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	947664	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	473094	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	859265	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	1005637	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	225274	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	505115	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	7547	S1(3N)S2
S9	32965	S5(5N)S6
S10	165	S8(S)S9
S11	21	S10(S)S3
S12	19	S11(S)S4
S13	19	S12(S)S7
S14	16	S13 AND IC=(G06F? OR H04L?)
S15	16	IDPAT (sorted in duplicate/non-duplicate order)
S16	16	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2006/ 200638

(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060914UT=20060907

(c) 2006 WIPO/Thomson

16/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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02059858

Systems and methods for secure transaction management and electronic rights protection

System und Verfahren für sichere Transaktionsverwaltung und elektronischen Rechteschutz

Systemes et procedes de gestion de transactions securisees et de protection des droits electroniques

PATENT ASSIGNEE:

Intertrust Technologies Corporation, (7330020), 955 Stewart Drive,
Sunnyvale, CA 94085-3913, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Van Wie, David M., 1250 Lakeside Drive, Sunnyvale, CA 94086, (US)

LEGAL REPRESENTATIVE:

Garner, Jonathan Charles Stapleton et al (9222071), FJ Cleveland 40-43
Chancery Lane, London WC2A 1JQ, (GB)

PATENT (CC, No, Kind, Date): EP 1662418 A2 060531 (Basic)
EP 1662418 A3 060726

APPLICATION (CC, No, Date): EP 2006075503 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; SI

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0001/00 A I F B 20060101 20060616 H EP

ABSTRACT WORD COUNT: 165

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200622	302
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SPEC A	(English)	200622	193789
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Total word count - document A	194124
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Total word count - document B	0
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Total word count - documents A + B	194124
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INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

G06F-0001/00 A I F B 20060101 20060616 H EP

16/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2006 European Patent Office. All rts. reserv.

01930027

Secure transaction management**Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung****Procede et dispositif de gestion de transactions securisees**

PATENT ASSIGNEE:

Intertrust Technologies Corp., (2434323), 955 Stewart Drive, Sunnyvale,
CA 94085, (US), (Applicant designated States: all)

INVENTOR:

Ginter, Karl L., 10404 43rd Avenue, Beltsville, MD 20705, (US)
Spahn, Francis J., 2410 Edwards Avenue, El Cerrito, CA 94530, (US)
Shear, Victor H., 5203 Battery Lane, Bethesda, MD 20814, (US)
Van Wie, David M., 51430 Williamette Street, 6, Eugene, OR 97401, (US)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis (28273), BERESFORD & Co. 16 High Holborn,
London WC1V 6BX, (GB)

PATENT (CC, No, Kind, Date): EP 1555591 A2 050720 (Basic)
EP 1555591 A3 051123

APPLICATION (CC, No, Date): EP 2005075672 960213;

PRIORITY (CC, No, Date): US 388107 950213

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;
NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 861461 (EP 96922371)

INTERNATIONAL PATENT CLASS (V7): **G06F-001/00 ; G06F-017/60**

ABSTRACT WORD COUNT: 147

NOTE:

Figure number on first page: 23

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200529	1002
SPEC A	(English)	200529	194028
Total word count - document A			195030
Total word count - document B			0
Total word count - documents A + B			195030

INTERNATIONAL PATENT CLASS (V7): **G06F-001/00 ...**

... G06F-017/60

...SPECIFICATION page handling algorithms to track "dirty pages" as data areas are written to. The "dirty **pages**" can be swapped in and out with the task swap block as part of local data associated with the swap block. When a task exits, the "dirty **pages**" can be merged with the current data structure (possibly updated by another task for SPU...

...algorithm (i.e., merging the original data structure, the current data structure, and the "dirty **pages**" to form a new current data structure). During the update process, the data structure can be locked as the **pages** are compared and swapped. Even though this virtual paging solution might be workable for allowing...

...such single threaded implementations in some cases to dedicated hardware. Any implementation that supports multiple **users** (e.g., "smart home" set tops, many desk tops and certain PDA applications, etc.) may... In may be obtained by using the "Object, User, Right" parameters passed to the "open **channel**" routine to "chain" together object registration table 460 records, **user** /object table 462 records, URT 464 records, and PERC 808 records. This "open **channel**" task may preferably place calls to key and tag manager 558 to validate and correlate...

16/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

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01475340

CONTENT PROVIDING/ACQUIRING SYSTEM

INHALTSBEREITSTELLUNGS-/ERFASSUNGSSYSTEM

SYSTEME DE FOURNITURE ET D'ACQUISITION DE CONTENUS

PATENT ASSIGNEE:

Sony Corporation, (214028), 7-35, Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001, (JP), (Applicant designated States: all)

INVENTOR:

FUKUSHIMA, Osamu c/o Sony Corporation, 7-35, Kitashinagawa 6-chome
Shinagawa-ku, Tokyo 141-0001, (JP)

FUJII, Hajime c/o Sony Corporation, 7-35, Kitashinagawa 6-chome
Shinagawa-ku, Tokyo 141-0001, (JP)

OZAKI, Hiroshi c/o Sony Corporation, 7-35, Kitashinagawa 6-chome
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

DeVile, Jonathan Mark, Dr. (91151), D. Young & Co 21 New Fetter Lane,
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1363215 A1 031119 (Basic)
WO 2002067167 020829

APPLICATION (CC, No, Date): EP 2002703877 020221; WO 2002JP1547 020221

PRIORITY (CC, No, Date): JP 200145905 010222; JP 200220766 020129; JP
200220770 020129

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60 ; G06F-017/30**

ABSTRACT WORD COUNT: 157

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200347	9391
SPEC A	(English)	200347	73573
Total word count - document A			82964
Total word count - document B			0
Total word count - documents A + B			82964

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60 ...**

... G06F-017/30

...SPECIFICATION customer, it hands the portable dedicated terminal 53 in a
color specified by the case **customizing information** .

Furthermore, if equivalent exchange request data to request to
equivalently exchange the content data (e...

16/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01066614 **Image available**

METHOD AND SYSTEM FOR MEDIA

PROCEDE ET SYSTEME POUR CONTENU MULTIMEDIA

Patent Applicant/Inventor:

RISAN Hank, 515 Washington Street, Santa Cruz, CA 95060, US, US
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FITZGERALD Edward Vincent, 100 Peach Terrace, Santa Cruz, CA 95060, US,
US (Residence), US (Nationality)

Legal Representative:

GALLENSON Mavis S (et al) (agent), Ladas & Parry, 5670 Wilshire
Boulevard, Suite 2100, Los Angeles, CA 90036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200396340 A2 20031120 (WO 0396340)

Application: WO 2003US14878 20030510 (PCT/WO US03014878)

Priority Application: US 2002379979 20020510; US 2002378011 20020510; US
2002218241 20020813; US 2002235293 20020904; US 2002304390 20021125; US
2002325243 20021218; US 2003364643 20030210; US 2003451231 20030228; US
2003430843 20030505; US 2003430477 20030505

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 222812

Main International Patent Class (v7): **G06F-001/00**

16/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963611 **Image available**

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
POUR SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

THE CRAWFORD GROUP INC, 600 Corporate Park Drive, St. Louis, MO 63105, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

WEINSTOCK Timothy Robert, 1845 Highcrest Drive, St. Charles, MO 63303, US
, US (Residence), US (Nationality), (Designated only for: US)

DE VALLANCE Kimberly Ann, 2037 Silent Spring Drive, Maryland Heights, MO
63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,
US (Residence), US (Nationality), (Designated only for: US)

KENNEDY Craig Stephen, 9129 Meadowglen Lane, St. Louis, MO 63126, US, US
(Residence), US (Nationality), (Designated only for: US)

SMITH David Gary, 10 Venice Place Court, Wildwood, MO 63040, US, US
(Residence), US (Nationality), (Designated only for: US)

TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US
(Residence), US (Nationality), (Designated only for: US)

KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HAFERKAMP Richard E (et al) (agent), Howell & Haferkamp, L.C., Suite

1400, 7733 Forsyth Blvd., St. Louis, MO 63105-1817, US,
 Patent and Priority Information (Country, Number, Date):
 Patent: WO 200297700 A2 20021205 (WO 0297700)
 Application: WO 2001US51431 20011019 (PCT/WO US0151431)
 Priority Application: US 2000694050 20001020
 Parent Application/Grant:
 Related by Continuation to: US 2000694050 20001020 (CIP)
 Designated States:
 (Protection type is "patent" unless otherwise stated - for applications
 prior to 2004)
 AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
 SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM
 Publication Language: English
 Filing Language: English
 Fulltext Word Count: 237932

Main International Patent Class (v7): **G06F-017/60**
 Fulltext Availability:
 Detailed Description

Detailed Description

... routinely found at present,, and examples
 of "screen shots" which provide the additional functionality
 of **customizing** authorizations for each of these independent
 parties for interacting with a rental transaction.

Yet another...OFFDRB (-R.-)
 - AMSURD (CR-D)
 - RAGBCHBT (-R--) TEXAS GOVT SURCHARGE TO PRINT FOR IIIInsurance
 TYPE **CUSTOMERS**
 @Constants.

'RECORD DELETED' is the message text for a value passed to AM105OV1 Add
 Maintenance...

16/3,K/6 (Item 6 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00961949 **Image available**
**FACILITATING REALTIME INFORMATION INTEREXCHANGE BETWEEN A
 TELECOMMUNICATIONS NETWORK AND A SERVICE PROVIDER**
**FACILITATION D'ECHANGE D'INFORMATIONS EN TEMPS REEL ENTRE UN RESEAU DE
 TELECOMMUNICATION ET UN FOURNISSEUR DE SERVICE**

Patent Applicant/Assignee:

ERICSSON INC, 6300 Legacy, Plano, TX 75024, US, US (Residence), US
 (Nationality)

Inventor(s):

HUSSAIN Tahir, 3528 Misty Meadow Drive, Dallas, TX 75287, US,
 VAN ELBURG Hans Erik, Hagebeemd 5,4907 DM, NL-Oosterhout, NL,
 HARPANHALLI Kiran, 280 West Renner Road #2825, Richardson, TX 75080, US,
 MAO Xiaohong, 1311 Sherman Court, Allen, TX 75013, US,

Legal Representative:

WEATHERFORD Sidney (et al) (agent), Ericsson Inc., 6300 Legacy, MS EVW

2-C-2, Plano, TX 75024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200296130 A2-A3 20021128 (WO 0296130)
Application: WO 2002US15969 20020520 (PCT/WO US0215969)
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
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Main International Patent Class (v7): **H04L-029/06**
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... **G06F-017/60**
Fulltext Availability:
Claims

Claim

... accessibility of information on the
Internet has made a great variety of content available.
Typically, **users** access this content at a fixed home or
office site through an Internet Service ...their content,
along with advertisements or other commercial
information, through the ISP directly to the **user** .
Whereas,, some ISPs currently maintain cache, e.g., Yahoo
and America On Line (AOL) by...

...and service matures.

A concurrent, more recent development is wireless

Internet access by mobile phone **users** . Due to the
convergence of telecommunications and the Internet, a
growing variety of devices are...content providers, e.g., restaurant
information

105, weather information 110 and other such portals 115,
channel the respective data through a Apipe@, i.e., the
telecom operators= equipment 120, to a realtime **user** .
In view of the high cost of telecommunications
network infrastructure and the need to avoid perceived
obsolescence, telecommunications system operators must
restructure the interface between the content provider
and **user** to better exploit advantages in the
technological convergence. In particular, a system and
methodology offering an alternative paradigm avoiding the
marginalization of the telecommunications infrastructure
and **services** and avoiding loss of identity is needed. In
addition, the paradigm 100 of FIGURE 1 to the mobile **subscriber** , an
area which will be critical in numerous future
applications.

Exemplary prior art methods related...

...U.S. Pat. No. 51559j,520 which generally describes tracking the location change of a **user** using a GPS system and providing information from a dispatcher to the **user** regarding a vehicle's geographic coordinates. U.S. Pat. No. 51926j,108 generally describes providing movie information to a **pager**. The **pager** first request information from the system, which in turn determines the **pager**'s location and **sends** movie information based on his location and optionally reserve tickets for the **pager user**, U.S. Pat. No. 6j,131j,028 generally describes providing a specific predefined feature based on a **user** geographic location. These features could be location based call forwarding or predefined business establishment directions that provides **services** about places and events a mobile computer encounters in their current location or potential destinations. The mobile computer is informed of events related to places the **user** is willing to visit. Based on this information, the mobile computer may respond, avoid entirely...

...generally describes providing a mobile station with ability to search, using keywords, information in a **database**. Such information might require the knowledge of the location of the mobile station and search for the keyword provided by the mobile station in that area location **database**. U.S. Pat, No. 6,,115,611 generally describes having an information center connected to...

...mobile terminals accessing location information as well as other information helpful to the mobile terminal **user** from the information center. The information center is used for accumulating information and/or **services** from the mobile terminals and providing information to the mobile terminal related to the mobile...of the present invention better utilize the realtime information available in telecommunications networks about mobile **subscribers** and the content available, thereby leveraging the network capabilities to generate revenue. It is another present invention that an enabler be capable of better personalizing **services** based upon **user** situation, e.g., **user** location, **user** status, etc.
SLR*flv@Y OF THE INVENTION
Methods, systems, and arrangements facilitate information interexchange include **subscriber** unit location and may be acquired and/or reported based on a mapping data structure...

...of acquisition, location transmission precipitation source, etc. Such an exemplary B2B engine thereby enables location- **tailored content** data and/or **services** to be provided to a **subscriber** based, e.g., on one or more requirements in an agreement between the operator of...

...illustrates a conventional telecommunications system for providing a variety of Internet-based content to a **subscriber** ;

FIGURE 2 illustrates a telecommunications system in accordance with the principles of the present invention, providing a business-to-business engine interfacing with external content providers and providing realtime **subscriber** information thereto;

FIGURE 3 further illustrates the telecommunications system of FIGURE 2, demonstrating the interaction...present invention;

FIGURE 8 is a flow diagram illustrating a flow of signals employed in **user subscription** initialization;

FIGURE 9 illustrates a preferred interface between a portal and **user** equipment through the B2B engine of the present invention;

FIGURE 10 is a flow diagram...with the teachings of the present invention;

FIGURE 12 is a flow diagram illustrating a **user** -on indication to the B2B engine of the present invention;

FIGURE 13 is a flow...to the B2B engine;

FIGURE 16 illustrates the communications of realtime information associated with mobile **subscriber** from various network elements to the B2B engine in accordance with the teachings of the 20B illustrate exemplary network aspects related to **subscriber** location in accordance with the present invention;

FIGURE 21 illustrates an exemplary service class mapping for **subscriber** locating in accordance with the present invention; and

FIGURE 22 illustrates an exemplary method in flowchart form for service class mapping with respect to **subscriber** locating in accordance with the present invention,

DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EXEMPLARY EMBODIMENTS...but not to others.

The present invention sets forth a system and methodology for providing **personalized**, customizable intelligent **information** and associated **services** to mobile **subscribers** based on the mobile **subscribers** = realtime information, including but not limited to the mobile **subscriber** =s current activity, preferences, location, usage and behavior patterns inherent in realtime networks.

As noted hereinabove, FIGURE 1 illustrates a conventional telecommunications system that supplies information to telecom **subscribers**. In the prior art,, the contents of the restaurant and weather information, 105 and 110, for example, are supplied from the content providers to the end **users** directly. The telecom operators 120, however, in this paradigm are only pipe providers passing the information to the end **users**, akin 30 to many current ISPs. In particular, and as discussed in more detail hereinbelow, the telecom operators 120 do not share any realtime information 130 about the **user** with the content providers and are only a means to pass information one-way from the content providers directly to the **users** who, of course, operate in realtime. As an illustration, in order for a mobile **subscriber** to retrieve the weather information associated with the **subscriber** =s current location in a conventional system,, although the serving mobile telecommunication network

sites such as "Yahoo" I other information providing **services** , computer applications, etc.
 With regard to the telecommunications portion 1910f the SCS 1920 is connected...platform/server, etc.
 Referring now to FIGURES 20A and 20B, exemplary network aspects related to **subscriber** location in accordance with the present invention are illustrated generally at 2000 and 2050, respectively...

...and the ME 1940. Each of these network nodes/entities has location information regarding the **subscriber** (unit), can access location information regarding the **subscriber** , can measure or cause to be measured the location of the **subscriber** , etc. It should be noted that the illustrated network nodes/entities is not exhaustive of those network nodes/entities that are related to **subscriber** location. Below certain network nodes/entities that are illustrated in the exemplary network aspects 2000 are approximate and exemplary accuracies by which the **subscriber** location may be determined by the given node. For example, the HLR 1925 may ascertain the location of the **subscriber** to within approximately 70-1000 meters (e.g., a location area), the ME 1940 may ascertain the location of the **subscriber** to within approximately 10-30 meters (e.g., a cell area) , and the MPC 1935 may ascertain the location of the **subscriber** to within approximately 0-10 meters (e.g., using time of arrival (TOA)/time difference...

...GPS-based determination, etc.), etc. It can therefore be appreciated that the accuracy of the **user** location that is received by the SCS 1920 may be affected by the network node/entity selected to provide the **user** location.

Continuing now with FIGURE 20B, other exemplary network aspects

16/3,K/7 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00933152 **Image available**

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES

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EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
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Detailed Description

Detailed Description

... first parent's invention also has as a significant
advantage the ability to be further **customized** to meet the
individual business partners' needs and desires as well as to
provide additional...

16/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00891713 **Image available**

**AN APPARATUS FOR FACILITATING REALTIME INFORMATION INTEREXCHANGE BETWEEN A
TELECOMMUNICATIONS NETWORK AND A SERVICE PROVIDER**

**APPAREIL DESTINE A FAVORISER L'ECHANGE D'INFORMATIONS EN TEMPS REEL ENTRE
UN RESEAU DE TELECOMMUNICATIONS ET UN FOURNISSEUR DE SERVICES**

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Claims

Claim

... preferred embodiment of the
SIM/mobile entity reporting events to the B2B engine
for realtime **services** . Upon change of the **user** status
or preferences, the B2B engine is updated of such a
change by the mobile...

...a timing diagram, generally
designated in the figure by the reference numeral 550,
of a **user** 'ON' indication to a B2B engine 552.
Initially, a given Mobile Equipment (ME) 554 first...

...message (step 564), which is used
to trigger (step 564) the appropriate B2B engine 552
1client application residing on the SIM card, The
client application reads appropriate files on the SIM
556 and packs the relevant information into a...

...upon receipt of the aforementioned
FETCH command 568,, sends the composed short message
from the **client** application to the ME 554 (step 570A)
in order for the information to be sent...

...on. The B2B engine 552
receives this message and interprets it further to
provide enhanced **services** . The ME 554 then responds to
the SIM 556 informing that the message regarding the...

...on and all the elements, such as the ME 554, the SIM
556 and the **client** applications 552 are aware of that
occurrence. As discussed earlier, the ME 854 sends a...

...after the ME 554 is turned on,, results in a
trigger (step 580) to the **client** application 552 on
the SIM card 552, and from which a periodical SMS
message (step...

...protocol. As is understood in the art,, the Mobile Equipment 554 is requested by the **client** application and the SIM to monitor any location change and, upon any such change, the...

...be GPS information, cell global identity information, or routing area information associated with a mobile **subscriber** . Additionally, the Mobile Equipment 554 may also communicate using other packet based protocols, such as...

...set location update status message (step 586) to the SIM 856, and then informs the **client** application residing in the SIM, via an envelope command (step 588), that the location area update has occurred. The **client** application is triggered 588A and takes this data from the envelope command, reads and adds...

...and packs a short message. This packed short message is sent (step 590) by the **client** application to the SIM 556, as indicated in FIGURE 13, in step 590A the SIM...

...short message to the B2B engine (step 594) which uses the data to provide enhanced **services** . The ME 554 then as usual informs the SIM 556 that the short message has...

...in another preferred embodiment of the present invention, the network nodes self monitor any desired **subscriber** events update and automatically provide the data to the B2B engine on a realtime basis...present invention, that these nodes could be adapted to gather realtime information about the subscribed **user** . This could be achieved by programming the network nodes so that they could monitor realtime **subscriber** events and activities and provide realtime information to the B2B engine regarding the **subscriber** events received. The network elements can monitor and forward all **subscriber** events and activities for all **subscribers** that are being served within that network area, or alternatively, the network elements can monitor and forward **subscriber** events and activities for those **subscribers** that have subscribed with the B2B engine, The B2B engine 210 interfaces with network nodes...

...615 sends mobility information, VLR record and the call control of related events to a **subscriber** , e.g., using Message TCP/IP or like protocols. The sending of the realtime information is triggered upon receiving a location update or registration signal from the subscribed **user** . Also, handover triggers and radio-related trigger events from a Radio Network Subsystem (RNS) 620...

...MPC) 630 provides the B2B engine 210 with information about the location

...to
provide to the B2B engine 210 a translation of the
address number of the **subscriber** to an Internet
protocol (IP) address, and also could provide control
related events/information using...

...the previous embodiment.
As an example, when the B2B Engine requires
certain information such as **subscriber** 's status from
the HLR, a message is sent to the HLR requesting the
information...

...HLR will inturn respond with the
response message informing the B2B engine of the
current **subscriber** status. This same requesting
mechanism could be used with the other network nodes.
A message could be sent by the B2B engine to any
network node requesting information about the
subscriber . Upon reception of such a message the
network node gets the information and sends it...

...at regular or periodic intervals to get the status
and the location information of a **subscriber** .
The network environment, within which the B2B
engine 210 operates, is-fully described hereinabove.
In...

...invention. In this alternate
configuration, the B2B engine 210 receives realtime
events from a mobile **subscriber** 660, such as the
subscriber status, location area and other events, as
described with reference to FIGURES 9-13, using...

...as
described in another preferred embodiment described
hereinabovef send the updated status information of
the **user** to the B2B engine whenever any change occurs
regarding the **subscriber** . The B2B engine 210 then
parses the events based on the subscribed **user**
preferences and processes the information/event
gathered.
These processed events are then sent to the...

...provide content to
narrowband devices, such as mobile stations, PDAs,
etc. The WML containing the **personalized content** is
delivered via a wireless application protocol gateway
(WAPGW) to the subscribed **user** via the **mobile phone** .
However, the portal can also **deliver** the **personalized**
content using an SMS message or any other proprietary
wireless data protocol.'As is illustrated in...

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00868228

USER SERVICES AND INFORMATION MANAGEMENT SYSTEM AND METHOD
SYSTEME ET PROCEDE DE GESTION DES SERVICES ET INFORMATION A DES

UTILISATEURS

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LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
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(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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Fulltext Availability:

Claims

Claim

... restrictions, activities), preferences, hobbies, interests and
experience, affiliations, and other information.

3 Usage patterns for **user** (e.g. activities performed on-site,
off-site or in some combination; transactions; interactions with the
system).

[01091 The data may be used to refine a **user** profile
and/or to personalize (individualize) or **customize** the form or **content**
of

the **user** interface presented to the **user** (or other options, offers or
invitations made available to the **user**). Usage patterns may be tracked
by **user**, **user** units (e.g. family, room or cabin), location, activity,
event, commercial enterprise or enterprise, etc. The **user** profile may
be used to

create unique **user** interactions and experiences during the visit to the
site; advertising, marketing or other messages can be 'targeted' to
certain **users** or types of **users** based on their **user** profiles. A
user may

be given special 'privileges' as a result of having achieved or been ...
reservations, coupons, etc.).

[01 101 Using the data that is available, the relationship
between the **user** and the site (or commercial enterprises and other
enterprises or other **users** or groups of **users**) may be personalized;
in

addition, the management of the site may track its own effectiveness,

customer service, purchasing patterns, utilization of resources (including of the system and/or of access points...
 ...attractions on-site and off-site), the subsystems in operation at the site, and the **users** visiting the site.
 The subsystem uses information that is known and available to the management of the site (or any other affiliated enterprise) to build a **user** profile (FIG. 6). The subsystem may also allow the refinement of a **user** profile based on prior interactions with the system (or other information collected in connection with...

...site). This subsystem is intended to allow the management of a site to identify their **users** preferences by extracting and aggregating data from all (inverted exclamation mark) other subsystems. As a result, it will be possible to differentiate **users** using 'data mining' technologies and, to profile and segment each **user**, and for management to develop a more comprehensive understanding of each **user** and to use this understanding to 'customize' and/or 'personalize' the experience of that **user** at the site; in addition, the **user** interface may be configured to present personalized options and/or privileges (or a special greeting) to each **user** based on the **user** profile.
 [01 121 The subsystem may also include a 'comment card' function through which a **user** may provide information in the form of feedback or comments to the host of the...

...the site and various commercial enterprises (e.g. vendors) and other enterprises, as well as **users**. Commercial enterprises and other enterprises may elect to link to the system by network or otherwise (inverted exclamation mark)se, provide advertising or couponing **services** through the user interface, or may wish to obtain information available and collected in connection with a visit by a **user** to the site, including information pertaining to usage patterns and **user** profiles. The host of the system or management of the site may maintain a registry...

...selected to be affiliated and/or to link to provide advertising on the system. Such **services** may be made available for a **fee**.

Site Specific **User** Information System

[01 141 Referring now to FIG. 1, cruise ship 1 00 is depicted...

...20 is in communication with communications network 1 10 and may include at least one **database**. Further, a terminal device 1 30 which may be any variety of terminal devices including...

...access device that provides similar functionalities as terminal (inverted exclamation mark) device 1 30. **User** interfaces are configured on terminal (inverted exclamation mark) devices 1 30 and handheld computers 1 50 so that a **user** may select options which will provide cruise ship passengers with information about cruise operations...

...an RF transceiver 260. In an exemplary embodiment, ski resort communications network 250 provides similar **services** to ski resort **users** as does 'cruise ship communications

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00868214

SITE INFORMATION SYSTEM AND METHOD**SYSTEME ET PROCEDE D'INFORMATIONS RELATIVES A UN SITE**

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Main International Patent Class (v7): G06F-017/30

Fulltext Availability:

Claims

Claim

... restrictions, activities), preferences, hobbies, interests and
experience, affiliations, and other information.

3 Usage patterns for **user** (e.g. activities performed on-site, offsite
or in some combination; transactions; interactions with the system).

[01031 The data may be used to refine'a **user** profile
and/or to personalize (individualize) or custornize the form or content
of

the **user** interface presented to the **user** (or other options, offers or
invitations made available to the **user**). Usage patterns may be tracked
by **user** , **user** units (e.g. family, room or cabin), location',
activity, event, commercial enterprise or enterprise, etc. The **user**
profile may be used to

create unique **user** interactions and experiences during the visit to the
site; advertising, marketing or other messages can be 'targeted' to
certain **users** or types of **users** based on their **user** profiles. A
user may

be given special 'privileges' as a result of having achieved or been
given a...

...early reservations, coupons, etc.).
 [01041 Using the data that is available, the relationship between the **user** and the site (or commercial enterprises and other enterprises or other **users** or groups of **users**) may be personalized; in addition, the management of the site may track its own effectiveness, **customer** service, purchasing patterns, utilization of resources (including of the system and/or of access points...
 ...attractions on-site and off-site), the subsystems in operation at the site, and the **users** visiting the site.
 The subsystem uses information that is known and available to the management of the site (or any other affiliated enterprise) to build a **user** profile (FIG. 6). The subsystem may also allow the refinement of a **user** profile based on prior interactions with the system (or other information collected in connection with...
 ...site). This subsystem is intended to allow the management of a site to identify their **users** preferences by extracting and aggregating data from all (inverted exclamation mark) other subsystems. As a result, it will be possible to differentiate **users** using 'data mining' technologies and to profile and segment each **user** , and for management to develop a more comprehensive understanding of each **user** and to use this understanding to 'customize' and/or 'personalize' the experience of that **user** at the site; in addition, the **user** interface may be configured to present personalized options and/or privileges (or a special greeting) to each **user** based on the **user** profile.
 [01061 ' The subsystem may also include a 'comment card' function through which a **user** may provide information in the form of feedback or comments to the host of the...
 ...the site and various commercial enterprises (e.g. vendors) and other enterprises, as well as **users** . Commercial enterprises and other enterprises may elect to link to the system by network or otherwise, provide advertising or couponing **services** through the **user** interface, or may wish to obtain information available and collected in connection with a visit by a **user** to the site, including information pertaining to usage patterns and **user** profiles. The host of the system or management of the site may ...selected to be affiliated and/or to link to provide advertising on the system. Such **services** may be made available for a **fee** .
 Site Specific **User** Information System
 [01081 Referring now to FIG. 1, cruise ship 1 00 is depicted. Cruise...
 ...is in communication with communications network 1 1 0 and may include at least one **database** . Further, a terminal (inverted exclamation mark) device 1 30 which may be any variety of...
 ...access device that provides similar functionalities as terminal (inverted exclamation mark) device 1 30. **User** interfacers are configured on terminal (inverted exclamation mark) devices 1 30 and handheld computers 1 50 so that a **user** may select options which will provide cruise ship

m (step 2560) or further...

16/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00852798 **Image available**

**BRIDGING BETWEEN A DATA REPRESENTATION LANGUAGE MESSAGE-BASED DISTRIBUTED
COMPUTING ENVIRONMENT AND OTHER ENVIRONNEMENTS**
**LIAISON ENTRE UN ENVIRONNEMENT INFORMATIQUE DISTRIBUE BASE SUR LA
MESSAGERIE EN LANGAGE DE REPRESENTATION DES DONNEES ET D'AUTRES
ENVIRONNEMENTS**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2001US15133 20010509 (PCT/WO US0115133)
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2000209430 20000602; US 2000209140 20000602; US 2000209525 20000605; US
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
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International Patent Class (v7): **H04L-029/06**

Fulltext Availability:

Detailed Description

Detailed Description

... to be sealable from powerful thick clients down to very thin clients
such as embedded **mobile devices** . Current distributed computing
technologies, such as Jini, may not be scalable enough for the needs...

...satisfactorily in current distributed computing technologies. The low
end of the client spectrum, including embedded **mobile devices** , often
have linuted or fixed code execution envirom-nents. These devices also

may have minimal...stores may be desirable.

It may be desirable in a distributed network computing model for **clients** to have the ability to locate services. Current network protocols either provide only a single...

...capabilities, which may include administrator or privileged functions. Also, current network protocols to locate **services** do not provide a flexible mechanism for finding **services**. Current protocols either do not provide any selective search capability at all (e.g. UPnP...

...desirable.

Generally speaking, (inverted exclamation mark) it is desirable for small memory footprint mobile **client** devices to be able to run a variety of **services**, both legacy and new, in a distributed environment. The types of small **clients** may include cell

6

phones and PDA's with a variety of different networking interfaces...

...and notebook computers, which may have a larger display and more sophisticated graphics capabilities. The **services** may be a wide range of applications as well as control programs for devices such as printers. It is desirable for a mobile **client** to be able to use these **services** wherever they may be.

A mobile client will often be at a temporary dynamic network...

...change to the application requires recompilation of the application.

It may be desirable for such **clients** to have a mechanism for finding and invoking distributed applications or **services**. The **client** may need to run even large legacy applications which could not possibly fit in the...

...as Jini, may not be practical for small footprint devices. The pervasiveness of mobile thin **clients** may also raise additional needs. For example, it may be desirable to locate **services** based on the physical location of the **user** and his mobile **client**. For example, information about the services in a local vicinity may be very helpful...

...particular location, may be helpful. Current technologies do not provide an automatic mechanism for locating **services** based on physical location of the **client**. Another need raised by thin mobile **clients** is that of addressing the human factor. Thin mobile **clients** typically do not contain ergonomic keyboards and monitors. The provision of such human factor **services** and/or the ability to locate such **services** in a distributed computing environment may be desirable.

A distributed computing model should provide **clients** with a way to find transient documents and **services**. It may be desirable to have a mechanism for finding general-purpose documents (including **services** and/or service advertisements), where the documents are expressed in a platform-independent and language-independent...

...and is therefore not language-independent. LTPnP and SLP support a discovery protocol only for **services**, not for general-purpose documents.

SUMMARY OF THE INVENTION

Various embodiments of mechanisms to bridge the data representation

external **services** to which (inverted exclamation mark)t had. access before being migrated. A gate may track...

...of another gate to which (inverted exclamation mark)t is paired. Thus a service or **client** may be migrated and. still be accessible. For example, replicated. or load-balanced service implementations may be abstracted from **clients** of the service by the gate.

Thus, a gate name 150 provides a flexible mechanism...schema. However, it may also be desirable to verify that messages are sent between a **client** and a service in the correct order. It may be desirable to be able to provision applications (**services**) for **clients** to run without any pre-existing specific functionality related to the application on the **client** (e.g. no GUI for the application on the **client**). For example, a Web browser may be used on a **client** as the GUI for a service instead of requiring an application-specific GUI. Of the possible messages in the XML schema, the **client** may need to know what message next to send to the service. It may be desirable for the **client** to be able to determine which message to send next without requiring the client to...

...next input it needs. The service would then accept offly the corresponding messages from the **client** with the requested input specified. Other ad hoc scherne for message ordering may also be...

...linked to multiple gates.

In one embodiment of a distributed computing enviromnent, front ends for **services** (service interfaces) may be built in to **clients** . In one embodiment, the service interface may be a preconstructed **user** interface provided to the **client** by the service. In one embodiment, the service interface may be provided to the **client** in the service advertisement. The service interface may interact on the, **client** with the **user** of the service to obtain input for running the service, and then may display results of running the service on the **client** . A "use? may be a human, embedded system, another **client** or service, etc. In one embodiment, a **client** device may not be able to provision arbitrary **services** , as the **client** device may only be able to run **services** for which (inverted exclamation mark)t has a front end built in. In one embodiment, a service interface for a service may be implemented in a Web browser on the **client** .

In one embodiment, a message conductor and/or service interface may be extemal to the gate and thus abstracted from the gate and **client** . The abstracted message conductor may provide provisioning of arbitrary **services** to any **client** device. In one embodiment, the message conductor may be written in code that may run...

...may not require the arbitrary downloading of objects, for example, Java objects, returned to the **client** device. For example, very large objects may be returned, and the message conductor may choose...

...these very large objects. In one embodiment, the message conductor may send XML messages to **services** from the **client** device on behalf of the **client** . The message conductor may interact with the **user** of the service to receive input and display results.

In one embodiment, a service interface...

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00784140

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE
INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION S'APPLIQUANT DANS UN
ENVIRONNEMENT DE STRUCTURE DE SERVICES DE COMMUNICATIONS VIA UNE
INTERFACE ADRESSABLE GLOBALEMENT**

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GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

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Detailed Description

Detailed Description

... cache, otherwise it retrieves it from the network. Clearly, the Web
server can retrieve the **page** from the cache more quickly than
retrieving the **page** again from its location out on the network. The
Web server typically provides an option to verify whether the **page** has
been updated since the time it was placed in the cache, and if it...
...and dispatching client HTTP requests directly to the Oracle7 Server
using PL/SQL.

Push Pull **Services** (2840)

Push/Pull **Services** allow for interest in a particular piece of
information to be registered and then changes or new information to be
communicated to the **subscriber** list. Traditional Internet **users**
"surf" the Web by actively moving from one Web **page** to another,
manually searching for content they want and "pulling" it back to the
desktop via a graphical browser. But in the push model, on which
subscription servers are based on, content providers can broadcast their
, information directly to individual **users** ' desktops. The technology
uses the Internet's strengths as a two-way conduit by allowing...

16/3,K/13 (Item 13 from file: 349)
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00784135

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE
INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE
ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE
SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

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NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Fulltext Availability:

Detailed Description

Detailed Description

... and dispatching client HTTP requests directly to the Oracle7 Server
using PL/SQL.

Push Pull **Services** (2840)

Push/Pull **Services** allow for interest in a particular piece of
information to be registered and then changes or new information to be
communicated to the **subscriber** list. Traditional Internet **users** '11
surf' the Web by actively moving from one Web **page** to another, manually
searching for content they want and "pulling" it back to the desktop via
a graphical browser. But in the push model, on which **subscription**
servers are based on, content providers can broadcast their information
directly to individual **users** 'desktops. The technology uses the
Internet's strengths as a two-way conduit by allowing...

16/3,K/14 (Item 14 from file: 349)
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00784125

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PIECEMEAL RETRIEVAL IN AN
INFORMATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A LA RECHERCHE
FRAGMENTAIRE DANS UN ENVIRONNEMENT DE MODELES DE SERVICES
D'INFORMATIONS**

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Patent and Priority Information (Country, Number, Date):

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NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

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Main International Patent Class (v7): **G06F-009/44**

Fulltext Availability:

Detailed Description

Detailed Description

... the various public message layout standards.

EDI messaging can be implemented via electronic mail or **customized**
message-oriented architectures.

Implementation considerations

EDI messages have traditionally been sent between companies using a...
often the point where transaction commit/rollback occurs.

These components are typically invoked by the **User** Interface
components.

Domain components typically contain the logic associated with accessing
and maintaining business entities...

...manipulations involving the processing of data within the domain of that
component. For example, a **Customer** Domain component might be requested
to determine if it's credit limit had been exceeded...

...the decision to buy or build a component is as real as ever. In general
clients expect more justification of a build decision v. a buy decision.

Feel out the **client** and the expectations and requirements they may have.

Components are a viable option and should...

...Microsoft Windows; Windows 95; Windows NT; Macintosh OS; OS/2; Unix and Java OS

BASE **SERVICES** 1020

Component Description

Figure 28 illustrates the Base **Services** of the Netcentric Architecture Framework. Base **Services** provide server-based support for delivering applications to a wide variety of **users** over the Internet, intranet, and extranet. The information about these **services** in the Netcentric framework may be limited based on the least common denominator. For more ...

...the following.

Managing documents in most formats such as HTML, Microsoft Word, etc.

Handling of **client** requests for HTML pages. A Web browser initiates an HTTP request to the Web server...

...program is specified, the Web server executes the program which generally returns a formatted HTML **page** to the Web Server. The Web server then passes this HTML **page** just as it would any standard HTML document back to the Web browser.
Processing scripts...

...used to process requests for additional information, such as data from an RDBMS.

Caching Web **pages**. The first time a **user** requests a Web **page**, the Web server retrieves that **page** from the network and stores it temporarily in a cache (memory on the Web server). When another **page** or the same **page** is requested, the Web server first checks to see if the **page** is available in the cache. If the **page** is available, then the Web server retrieves it from the cache, otherwise it retrieves it from the network. Clearly, the Web server can retrieve the **page** from the cache more quickly than retrieving the **page** again from its location out on the network. The Web server typically provides an option to
218

verify whether the **page** has been updated since the time it was placed in the cache, and if it...and dispatching client HTTP requests directly to the Oracle7 Server using PL/SQL.

Push Pull **Services** (2840)

Push/Pull **Services** allow for interest in a particular piece of information to be registered and then changes or new information to be communicated to the **subscriber** list. Traditional Internet **users**
219

"surf" the Web by actively moving from one Web **page** to another, manually searching for content they want and "pulling" it back to the desktop via a graphical browser. But in the push model, on which **subscription** servers are based on, content providers can broadcast their information directly to individual **users** 'desktops. The technology uses the Internet's strengths as a two-way conduit by allowing...

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00784124

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A
TRANSACTION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE
REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS**

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

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Detailed Description

Detailed Description

... and dispatching client HTTP requests directly to the Oracle7 Server
using PL/SQL.

Push Pull **Services** (2840)

Push/Pull **Services** allow for interest in a particular piece of
information to be registered and then changes or new information to be
communicated to the **subscriber** list. Traditional Internet **users**
219

"surf" the Web by actively moving from one Web **page** to another,
manually searching for content they want and "pulling" it back to the
desktop via a graphical browser. But in the push model, on which
subscription servers are based on, content providers can broadcast their
infonnation directly to individual **users** ' desktops. The technology uses
the Internet's strengths as a two-way conduit by allowing...

16/3,K/16 (Item 16 from file: 349)

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00443927

**A COMMUNICATION SYSTEM ARCHITECTURE
ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

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SCHRAGE Bruce,
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ATKINSON Wesley,
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NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
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Fulltext Availability:

Detailed Description

Detailed Description

... research,
retailing, shipping, telecommunications, tourism, wholesaling, and many
others.

Services.

Customizable: customer is able to **tailor** the service offerings to

their
own needs.

Customer managed: customer has direct (network-side) access...provider
and is routed via normal
routing to the modem bank for that provider. The **user** of the
PC then follows normal log-on procedures to connect to the
Internet.

Corporate...

...Intranet and is routed via
normal routing to the modem bank for that Intranet. The **user**
of the PC then follows normal log-on procedures to connect to
the Intranet.

LEC...

...between Ph1/PCI/PC2 and MCI's telephone
network. It also provides local access to **customer** PBXs.

MCI SF1 Switching fabric for MCI (or for the purpose of patenting, any
MCI...

...MCI Card (950 Cards), Credit Card
and GETS Card.

In support of the existing VNET **services**, the DAP provides private
dialing plan capabilities to Vnet **customers** to give them a virtual
private network. The DAP supports digit translation, origination
screening, supplemental...

...performs.

Dir Svc 2 Call routing - As calls are made to subscribers using Internet
telephony **services** from MCI, the directory service must be
queried to determine where the call should terminate...

...be done based upon factors such as

- the logged-in status of the subscriber,
- service **subscriptions** identifying the subscriber as a PC or
phone only **user**
- preferred routing choices such as 'route to my PC always if I
am logged in...

Set	Items	Description
S1	592354	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	4016479	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	918234	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	3081237	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	2426591	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	241661	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	2806369	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	211110	S1(3N)S2
S9	19726	S5(4N)S6
S10	6458	S8(2S)S3
S11	7950	S9(S)S7
S12	70	S10 AND S11
S13	45	S10(4S)S11
S14	44	S13 AND S4
S15	19	S14 NOT PY>2000
S16	17	RD (unique items)
File	15:ABI/Inform(R)	1971-2006/Sep 21 (c) 2006 ProQuest Info&Learning
File	610:Business Wire	1999-2006/Sep 21 (c) 2006 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2006/Sep 22 (c) 2006 Financial Times Ltd

16/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02095456 64812653

One for all

Langley, Nick
Director v54n4 PP: 140-143 Nov 2000
ISSN: 0012-3242 JRNL CODE: DRT
WORD COUNT: 1459

...ABSTRACT: mobile phone is presented. Despite the buoyancy of mobile telephony, the market for other mobile **services** has yet to take off. Reality has so far failed to live up to the hype that surrounded the launch of Wireless Application Protocol (WAP) mobile internet **services** late last year. To date, WAP **services** have been slow, unreliable and expensive. WAP's fortunes may change with the arrival of "location-related **services**."

...TEXT: machine are numbered. Opposite, Nick Langley looks at the multi-purpose mobile phone. Starting on **page** 143, Rose Brandle assesses the all-- singing, all-dancing office machine; and on **page** 155 Tim Phillips checks out the portable PC market

Mobile phones
Wireless technology was hailed...

...expect this take-up to grow, and customers to make much more use of their **services** .

In Germany this August, six consortia paid a total \$46bn for their share of this...

...German one. But despite the current buoyancy of mobile telephony, the market for other mobile **services** has yet to take off. Reality has so far failed to live up to the hype that surrounded the launch of WAP (Wireless Application Protocol) mobile internet **services** late last year.

To date, WAP **services** have been slow, unreliable and expensive; what's on offer has often been trivial, and many of the **services** simply reproduce what's available more quickly and cheaply using voice-based **services** - such as travel, the weather, sports results, or share prices.

According to IT analyst firm Bloor Research, WAY's fortunes may change with the arrival of "location-relevant **services** ". These take the information that mobile networks already use to find out where subscribers are... ..has increased dramatically with prepaid plans, and operators hope that by providing personalised, location-based **services** , they can regain customer loyalty - or at least accumulate valuable and saleable data about customers. Internetbased commerce and banking **services** had a bad press over the summer, with one security breach after another undermining consumer confidence. This has doubtless had a knock-on effect on the take-up of WAY **services** , which add the notorious leakiness of mobile networks to the immature security of the internet...

...the leading business application vendor SAP, the top customer relationship management vendor Siebel, the dominant **database** vendor Oracle, and the market leader in mobile **databases** , Sybase.

In its present battered state, WAP is seen as vulnerable to "i-mode", a...

...have e-mail, diary, task management and internet browsing, a range of information and entertainment **services**, and some applications aimed at corporate users.

To dial for: The Ericsson T36 can organise...

...the two systems will coexist in future. The weight of telecoms, computer, software and financial **services** companies behind WAP is just too great to let it die.

"The issues surrounding WAP are not with demand, but the supply of **services**," says Bloor. "There are plenty of potential users out there waiting for what they perceive...for example, Microsoft's ubiquitous Outlook application will be available on Vodafone's network, so **users** will be able to send and receive **e-mail** from a range of **mobile devices**, as well as access, in real-time, their Microsoft Exchange calendar, contacts, **personalised Web content** and online information **services**. The companies promise applications for corporate **users** by spring 2001.

But Ovum warns that without stronger intervention from telecoms regulators, the mobile internet **services** promised could be a long time coming. The quickest way of recouping the exorbitant licence **fees** operators have paid is to expand voice **services** instead of investing in the internet. "In countries where you have neither government push nor...

...and company intranets. Smartphones have (relatively) larger displays, traditional keypads, and integral software links to **services** and applications.

Symbian: joint venture between Psion, Ericsson, Nokia and Motorola to promote the EPOC...

...offer true global roaming and can support a wide range of voice, data and multimedia **services** at rates up to 2Mb/s. Commercial UMTS networks are expected from 2001.

WAP Wireless Application Protocol. Provides mobile terminals with access to the internet. Optimised for narrow band radio **channels** and limited displays and functionality of today's mobiles.

Windows CE. Microsoft's operating system...

16/3,K/2 (Item 2 from file: 15)
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02063425 59693446

The five engines of eCRM

LaRow, Mark

Computer Technology Review v20n8 PP: 39-41+ Aug 2000

ISSN: 0278-9647 JRNL CODE: CTN

WORD COUNT: 2474

...TEXT: effectively. A knee-jerk reaction is to buy off-the-shelf applications, cobble together a **database** of web traffic and online purchase information, and launch an eCRM initiative. Unfortunately, many such...

...Information Store integrates data from disparate information sources

such as web sites, transactional systems, operational **databases**, call centers, enterprise resource planning systems, and third party data. This engine enables companies to...

...Customer-centric Information Stores.

Flexibility: The Customercentric Information Store must accommodate multiple data models and **database** architectures and allow for integration with other back-end information systems. Without this flexibility, the...

...Analytical Processing (OLAP), Data Mining, and Statistics. Briefly, OLAP tools perform complex queries on a **database**, Data Mining tools discover unforeseen associations using pattern-matching algorithms, and Statistical tools perform complex...

...results.

Engine 3: The Personalization Engine

New technology makes it possible to personalize products and **services** for large numbers of customers in a cost-effective manner by lowering the marginal cost...one customer relationships with millions of customers. It builds customer profiles, enables customized products and **services** offerings, and fosters trusted relationships. The Personalization Engine leverages the Customer-centric Information Store to...

...home equity loan. A good Personalization Engine should include a set of tools to create **subscription services** and interfaces that provide "in-abox" capability.

Web- **content personalization** is necessary, but not sufficient, for CEP A customer who responds positively to a cleverly...

...quadruple in the next three years.

Growing appetite for nonweb communication is not just a **consumer** phenomenon, but a business shift, as well. Corporate use of wireless technology is increasing dramatically. Successful eCRM requires an engine that reaches millions of **customers** wherever they are: at home, via phone, or TV set-top box; at work, via e-mail; or on the road, via WAP phone or **pager**. A scalable **Broadcast** Engine that is built on an open architecture and supports all communication devices enables this level of **customer** interaction.

Characteristics Of A Broadcast Engine

Multi-Media/Multi- **Channel** (MMMC) Capability: Static text e-mail has limited appeal and increasingly resembles "junk mail." Multi-media communication that combines graphics, video, and audio stimulates increased viewership. Reaching customers through the **channels** of their choice is even more important. An e-mail from an online brokerage informing...
...is not online. Such information is best delivered to the customer's cell phone or **pager**. Multi- **channel** broadcasting of personalized information enables recipients to rapidly transform information into action. An intelligent Broadcast...

...Rapid technological change has brought new information sources, as well as communication and information transfer **services**. An open architecture allows for the integration of new data sources and transmission methods as ...

...order to be open and flexible, the architecture should adhere to Internet protocols, have broad **database** support, and open, documented APIs. The open nature of the Broadcast Engine will allow it...

...large-scale reach, eCRM initiatives will stall as a business grows.

Broadcast Engine Benefits

Integrated **Channel** Strategy: With multi- **channel** capability, companies can leverage each **channel** 's unique benefits. Few customers would like constant interruptions on their cell phones giving them...
...of switching to other sites are low. Customers' switching costs increase as the number of **channels** of interaction with the company increases. Fewer customers are likely to shift to a new...

...addresses, cell phone numbers, and WAP phone alert service numbers. A Broadcast Engine with multi- **channel** capability increases the ...video retailer can alert film buffs about new video releases through a voice mail or **pager** and secure transactions faster than stores that merely have web sites or storefronts. The Broadcast...

...promotes and ultimately brokers customer transactions.

The Transaction Engine manages the flow of information and **services** through each customer device and provides appropriate value-added features and functionality. This is achieved...

...interactive customer contacts a year. They have to avoid inundating customers with unwanted information and **services** . Through the utilization of subscription methods (via web, wireless, or voice) customers can sign up for unique interactive information **services** based on their own preferences. The Transaction Engine performs this function, keeps track of the...

16/3,K/3 (Item 3 from file: 15)
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01738206 03-89196

HAL on wheels

Anonymous

Fortune Technology Buyer's Guide Supplement PP: 33-34 Winter 1999

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 796

...TEXT: and switches tracks on the CD player, in response to verbal commands. Want to take **charge** of the radio dial in your family? AutoPC can be programmed to respond specifically to...

...their cars public places, AutoPC also serves as a communication device. She can read short **E - mail** and **pager** messages. With verbal (or manual) prompting, she will find a phone number in her address...

...Motorola phones.) Drivers can talk hands-free or use the handset. An infrared capability lets **users** transfer addresses and phone numbers from a handheld computer to an AutoPC.

AutoPC enables drivers to receive **personalized information** such as

local traffic and **weather** reports and **tailored news** items. A link to a Dallas-based roadside service dispatches emergency help throughout the country...

...The regional U.S. maps from Navigational Technology are \$170 each. To get E-mail, **pager** messages, and information alerts, drivers must pay \$170 for a receiver and cough up monthly...

16/3,K/4 (Item 4 from file: 15)
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01685207 03-36197

Doing the job on the go: Communicating
McCollum, Tim; Holzinger, Albert G
Nation's Business v86n9 PP: 59-60 Sep 1998
ISSN: 0028-047X JRNL CODE: NAB
WORD COUNT: 1411

...ABSTRACT: advantages of wireless communications. Traditional analog service is giving way to more-advanced digital cellular **services**. Because of the widespread availability of these new technologies, people in many markets can choose among numerous providers of various types of wireless **services**. A variety of phones, voice accessories and data products that can help small business people...

...TEXT: wireless communications. And never before have there been so many choices of both products and **services**.

Traditional analog service is giving way to more-advanced digital cellular service and personal communications **services** (PCS). Because of the widespread availability of these new technologies, people in many markets can choose among numerous providers of various types of wireless **services**.

Consequently, rates have gone down and flexible calling plans have emerged, often requiring no annual contract.

Moreover, digital cellular and PCS technologies generally provide much-improved voice quality and additional **services** such as paging and voice and data messaging.

Wireless phones have made remarkable advances as...

...capabilities-many allow users to send and receive e-mail and faxes and receive news **feeds**. Some analog phones use cellular digital packet data (CDPD) technology to provide comparable **services**. Not all data communication is wireless, though. Many users of notebook, handheld, and palm computers...

...cards allow users to dial out at up to 128 Kbps over an ISDN (integrated **services** digital network) connection when one is available.

In addition, there are PC cards that allow...

...these devices either free or at a deep discount to customers who sign up for **services**. Wireless Phones Mitsubishi MobileAccess 120 Phone Mitsubishi's MobileAccess 120 phone is an analog **cellular** phone that provides **users** with **e-mail** and news **feeds** from the Internet through the nationwide PocketNet service of AT&T Wireless. PocketNet uses CDPD...

...MobileAccess 120 to the Internet each time it's turned on. With a connection made, **users** can download e-mail and selected **news feeds** from a **personalized** Web **page** and synchronize data stored on their phone and Web **page**. The phone's standard battery provides one hour of talk time and nine hours of...

...book, the PocketNet service provides a calendar, a to-do list, a fax, and information **feeds** from Web sites such as ABC News and Bloomberg. Users sign up for PocketNet service...

...cellular provider. Retail price for the MobileAccess 120 is \$299. The monthly PocketNet data service **fee** is \$29.99. Motorola i1000 The i1000 provides multiple communications options when activated onto a...

...charges of its lithium-ion battery. Features include speakerphone operation, notice of incoming calls or **pages** via vibration, and caller ID. Nokia 6190 The Nokia 6190 digital wireless handset is light...

...of talk time. GSM providers include AT&T Wireless, BellSouth Mobility, and Pacific Bell Mobile **Services**. The Nokia 6190 has a phone directory that stores up to 255 phone numbers and...

16/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01122474 97-71868

NetworkMCI Business adds exciting features

Anonymous

Link-Up v12n6 PP: 1, 44 Nov/Dec 1995

ISSN: 0739-988X JRNL CODE: LUP

WORD COUNT: 559

ABSTRACT: MCI's integrated software package - networkMCI Business - offers US businesses integrated e-mail, fax and **pager** messaging, document, and videoconferencing, personalized information and retrieval **services**, and Internet connectivity in an easy-to-use communications suite. Designed for small and mid-sized...

...TEXT: Business, MCI's integrated software package that offers US businesses integrated e-mail, fax, and **pager** messaging, document and videoconferencing, personalized information and retrieval **services**, and Internet connectivity in an easy-to-use communications suite.

Designed for small and mid-sized...

...effectively manage their business. From the industry's first fully integrated e-mail, fax, and **pager** messaging product to the capability to search for specific news articles from more than 10...

...monthly fee, networkMCI Business provides news reports, delivered twice daily and compiled from leading wire **services** including Reuters and Associated Press, **databases**, magazines, newsletters, and more than 10,000 other information sources.

These newsfeeds are user-specific...

...also designate infoMCI to flash this important information to a networkMCI Paging or SkyTel text **pager**.

With infoMCI, users can have up to 20 separate profiles to track industries of interest...

...Business provides a universal front-end user interface that simplifies all electronic messaging. messageMCI integrates **e - mail**, fax, and **pager** messages, making it easy to send, receive, and sort messages via a single inbox and **user**-defined filing system.

The integrated address book organizes and stores electronic addresses for MCI Mail, Internet, and other major e-mail systems, as well as fax and **pager** numbers. With a simple point-and-click, notes can be forwarded instantly to a list of recipients who get messages either via e-mail, fax, or **pager**, wherever they're located.

Pricing

MCI is providing the new version of networkMCI Business free...

...may purchase the software for \$100 by calling (800) 955-6505.

networkMCI Business users receive **customized news** and reports for \$35/mo. if they are an MCI Vision, Vnet, or networkMCI Calling...

16/3,K/6 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
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00433700 20001228363B1855 (USE FORMAT 7 FOR FULLTEXT)
Clariti Begins Commercial Operations of New Wireless Voicemail Service in Jacksonville, Florida
Business Wire
Thursday, December 28, 2000 12:56 EST
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 875

For a low monthly **fee**, **customers** of Clariti's new service not only have access to a full-featured voicemail system...

...receiving their voicemail messages wirelessly while on the go. This saves time and money since **users** no longer have to wait to get back to their phones or spend money calling into a voicemail box to listen to messages. Clariti's **customers** can also have all their work, home, or **cellular phone** calls **forwarded** to a single Voca(TM) Player, relieving them from the burden of calling in to...

...messages to Voca(TM) Players; and allowing a customer to select from a variety of **personalized information services** (**news**, **sports**, etc.) that are periodically sent wirelessly to his or her Voca(TM) Player. Clariti also is investigating partnerships with voicemail system providers to integrate its wireless service with existing voicemail **services**.

Joe Smith, Executive Vice-President of Clariti commented, "The positive results of our field testing...

...be many opportunities in the future to integrate ClariCAST(TM) technology with other products and **services** that could benefit from a low cost wireless extension."

Clariti's digital wireless technology, called...

...has developed ClariCAST(TM), a patented digital technology that sends data wirelessly using the subcarrier **channels** of existing FM radio stations. Clariti's first application using ClariCAST(TM) technology is Clariti...

...to expand its wireless business, and Clariti's ability to develop and implement new wireless **services**. Factors that could cause or contribute to such risks and uncertainties include, but are not...

...business conditions, changes in telecommunications regulations, changes in consumer demand for certain telecommunications products and **services**, market acceptance of Clariti's products and **services**, and various other factors beyond the control of the company. This includes such factors as...

16/3,K/7 (Item 2 from file: 610)
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00400139 20001102307B7499 (USE FORMAT 7 FOR FULLTEXT)
Leading-Edge Wireless ASPs and Developers to Support GoAmerica's Go.Web Service
Business Wire
Thursday, November 2, 2000 06:00 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,327

TEXT:

...for wireless applications grows, GoAmerica, Inc. (Nasdaq:GOAM), a leading nationwide wireless data and Internet **services** provider, today announced 14 leading wireless application service providers (ASPs) and software developers have joined...

...We are gratified to see that these industry leaders have selected GoAmerica as their wireless **services** partner and look forward to welcoming new members to the Go.Web Alliance."

About Go...

...of its customers by easily integrating wireless e-commerce, advertising and e-marketing programs and **services** while providing them

with
complete control of their brand. <http://www.2roam.com>.

AnyDevice provides...

...tools and patent-pending Intelligent Rendering(TM) process
enable companies to extend their enterprise applications, **database**
information
and Web-based data to a wide array of wireless, voice and broadband devices
...

...mobile commerce
solutions for wireless carriers, e-businesses and corporate enterprises.
GiantBear's suite of **services** includes: application development and
implementation; portal and platform development and integration; hosting
and
maintenance **services** ; strategic planning and marketing assistance;
content and
mobile commerce distribution; and billing and customer service...

...wireless application development and
deployment platforms. <http://www.iconverse.com>.

Iframe Corporation is an Internet **services** company that provides strategy
consulting, technology, creative design and network **services** to Fortune
500
and Internet start-up companies to decrease the time-to-market of...

...initiatives. iframe uniquely combines the strategic skills,
professional approach, and experience of a large professional **services**
firm
with the speed, decisiveness and action of an Internet start-up. iframe is
committed...

...enterprise, including hardware, software, wireless
connectivity, support, and training, for a low, monthly per-user
subscription
fee . <http://www.infinitemobility.com>.

MobileQ provides server software and solutions that enable companies to
deliver information to their mobile employees and **customers** quickly and
securely, leveraging the emerging industry standard for Internet
communication, XML. MobileQ's flagship...

...any
existing enterprise technology architecture, enabling companies to extend
the
reach of their applications by **delivering personalized information** to
any
mobile device . <http://www.mobileq.com>.

NetMorf delivers mobile business platforms for organizations that want to
expand market reach, strengthen customer relationships and improve customer
retention. Through its patent-pending technology, professional **services**
and
domain expertise, NetMorf enables organizations to develop an entirely new
mobile **channel** based on m-logic. With its SiteMorf m-business platform,
companies can leverage the unique...

...a mobile user to drive a set of
highly personalized transactions that creates a new **channel** for

organizations
to interact with customers, partners and employees. <http://www.netmorf.com>.

Nisus is...

...systems,
content personalization and push. Nisus' strength lies in combining domain
expertise such as financial **services**, electronic markets (b2b and b2c
clients)
and wireless advertising/loyalty with latest wireless technology to...
Wysdom
solutions include mobile messaging, mission critical enterprise data
delivery,
mobile commerce and location based **services**. Wysdom offers its customers
a
faster time-to-market with a rapid application development environment...
...subscribers comprehensive and flexible mobile data solutions for
wireless Internet access by providing wireless network **services**, mobile
devices, and subscriber service support. For more information, call
888/462-4600 or visit...

...ability to increase and
maintain its subscriber base, uncertainties relating to the future demand
for
services in the emerging wireless data **services** market and GoAmerica,
Inc.'s
ability to successfully grow its infrastructure and manage expanded
operations...

INDUSTRY NAMES: BUSINESS **SERVICES** ;

...EVENT NAMES: **SERVICES** ;

16/3,K/8 (Item 3 from file: 610)
DIALOG(R)File 610:Business Wire
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00385267 20001016290B2037 (USE FORMAT 7 FOR FULLTEXT)
**TrafficStation to be Exclusive Provider of Personalized Traffic Information
to Top Online Automotive Portal, TheCarConnection.com-Over 500,000 Users a
Month to Have Access to Real-Time Traffic Updates in Their Metro Area**
Business Wire
Monday, October 16, 2000 08:01 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 573

TEXT:
TrafficStation, Inc., North
America's leading provider of **personalized** traffic and traveler
information
via the Internet and wireless communications devices, today announced it
will
be the exclusive provider...

...the world.

Automotive industry professionals, industry policy makers, auto plant
executives, auto buffs and other **users** comprising the over 500,000
visitors to

the Web site every month will now be able to view traffic updates online in their Metro areas and also have access to **subscription services** and **personalized traffic information** that can be **delivered** via the Web or **mobile wireless devices**.

...the targeted audience of TheCarConnection.com. More importantly, they can get route-specific, on-demand **services** while they are on the move from their wireless devices as well."

Through this partnership, TrafficStation **services** will be delivered as part of the online information provided by TheCarConnection.com. This agreement...

...time personalized traffic information on their wireless devices with personalized proactive alerts.

"Integrating TrafficStation's **services** into our Internet portal adds tremendous value for users of our Web site by providing...
...provider of personalized traffic and traveler information via the Internet, telecommunications and mobile wireless devices. **Services** are currently offered in 28 major metropolitan areas in the United States and Canada with...

16/3,K/9 (Item 4 from file: 610)
DIALOG(R)File 610:Business Wire
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00360851 20000911255B6484 (USE FORMAT 7 FOR FULLTEXT)
Quios Introduces PlanetQuios the World's First Wireless Peer-to-Peer Content Network
Business Wire
Monday, September 11, 2000 13:20 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 924

TEXT:
...On-The-Spot Event Reporting

Quios, Inc., the leading mobile Internet company providing real-time **services** to businesses and consumers worldwide, today announced the launch of PlanetQuios(TM). PlanetQuios is a...

...such as Excite and MSN, Quios is in the perfect position to introduce value-added **services** that will accelerate wireless messaging adoption and help shape the nascent wireless internet industry."

How...

...www.quios.com) that has over one million registered members and receives over 45 million **page** views per month. Users enter PlanetQuios from the Quios home **page**, browse through more than 100 event categories and sub-categories, then sign up as reporters...

...rely on inferred profiles to determine consumer preferences. Quios has a proven track record in **delivering** wireless advertising to **cell phone**

users . PlanetQuios alerts are properly targeted since the members themselves have specifically requested them. For example...

...Businesses

PlanetQuios will be available to businesses at three levels. First, through Quios' wireless ASP **services** , telecom carriers, portals, corporations or merchants can license the PlanetQuios technology infrastructure that Quios can...

...Third, merchants and content providers can offer time-sensitive commercial reports within PlanetQuios for a **fee** .

About Quios, Inc.

Quios (pronounced Kee-Ahs) is a leading mobile Internet company providing real-time **services** to businesses and consumers worldwide. Quios combines the breadth of the Internet with the immediacy...

...convenience of the mobile phone, providing members with instant mobile messaging, time-sensitive alerts and **personalized content** , and partner **services** . The company's **services** are carrier independent and provide the farthest reach with access to over 225 wireless networks worldwide. WAP **services** will be introduced in the coming months as well as compatibility with a range of...

...such as alphanumeric pagers and PDAs. Over one million registered users currently enjoy the Quios **services** , with the user base growing by over 6,000 members per day. Quios is a...

16/3,K/10 (Item 5 from file: 610)
DIALOG(R)File 610:Business Wire
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00310018 20000627179B1379 (USE FORMAT 7 FOR FULLTEXT)
BroadVision Introduces One-To-One Publishing to Enhance Suite of Enterprise E-Business Solutions
Business Wire
Tuesday, June 27, 2000 12:04 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 888

...October, 1999).

"With One-To-One Publishing, companies now have a convenient way to take **charge** of content for any business application, building **personalized** , structured **information** for multi-purpose delivery," said Simon King, vice president of product management, BroadVision, Inc. "This offering provides

a
tremendous opportunity for our customers to leverage their business
information and **tailor** it to different media and for multiple uses. Our
customers are further advantaged to lead...

...and graphical content in a central repository as XML,
BroadVision One-To-One Publishing provides **personalization** of this
information
for a specific audience, purpose, medium or device. Adding this new
offering
to its enterprise application suite meets current **customer** demand to
deploy
and **customize** business **information** and prepares for the near-term need
for
content **delivery** to **wireless** **devices** .

"The mass customization of accounting-related material made possible by
BroadVision One-To-One Publishing..."

...consumer sites and
business-to-business exchanges for the world's top companies in financial
services , telecommunications, retail and travel. BroadVision applications
are
available in more than 120 countries worldwide. Headquartered...

16/3,K/11 (Item 6 from file: 610)
DIALOG(R)File 610:Business Wire
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00290203 20000530151B1210 (USE FORMAT 7 FOR FULLTEXT)
Optio Software's Revenue Increases 46% to Record First Quarter Levels;
Company Reports Cash Earnings of \$0.02 Per Diluted Share
Business Wire
Tuesday, May 30, 2000 16:14 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,516

...its products offer a comprehensive solution to businesses' increasing
need to collect and distribute highly **tailored** **information** that meets
the
specific needs of their employees, customers, suppliers and partners. While
Optio's...

...to customize
and deliver information to a global network of digital destinations,
including
the Internet, **e - mail** , printers, faxes and **wireless** **devices** . Optio's
software
takes real-time information from enterprise, e-business and legacy
applications, customizes...

...software or the business processes that created the
original information. Optio has approximately 4,000 **customers** , including
The
Home Depot, Schlumberger, Avery Dennison and Toys 'R Us. For more
information
contact...

...data)

	Three Months Ended April 30,	
	2000	1999
Revenue:		
License fees	\$ 4,775	\$ 3,358
Services , maintenance, and other	4,568	3,026
	9,343	6,384
Cost of revenue:		
License fees	391	195
Services , maintenance, and other	2,501	1,524
	2,892	1,719
	6,451	4,665...

16/3,K/12 (Item 7 from file: 610)
 DIALOG(R)File 610:Business Wire
 (c) 2006 Business Wire. All rts. reserv.

00251963 20000410101B2446 (USE FORMAT 7 FOR FULLTEXT)
25 Sites Honored in Best Of Web Digest For Marketers (WDFM); WDFM celebrates 5th Anniversary with Free Access to Archives
 Business Wire
 Monday, April 10, 2000 07:49 EDT
 JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
 DOCUMENT TYPE: NEWSWIRE
 WORD COUNT: 685

...International Data Group's (IDG) TipWorld. With this acquisition, Topica now has nearly 10 million **subscriptions** and delivers over 200 million email messages per month. Add in tools for the DIY...

...stats -- resulting in a top 10 position on the WDFM reading list. A rotating home **page** design means you might have to dig for the buried newsletter **subscription** sign-up, but do it. It's worth it. PayPal <http://www.paypal.com> Need to send someone money and have it be fast and easy? How about via **email** or beamed through your **Palm Pilot** ? Try PayPal. Establish an account by billing the amount you wish to your credit card...

...merger with X.com, looks like the Internet's largest instant payment network (500,000 **users** and counting) is in the works.

BigCharts <http://www.bigcharts.com> The free, professional-level...

...tools serve as a loss leader for Big Chart's core business -- the creation of **customized** online financial **content** and interactive investment tools for financial institutions and other financial sites. Smart.

ELetter <http://www...>

...managed via the Web. Build a targeted mailing list through partner infoUSA.com, upload your **database**, create a mailing piece with partner iPrint.com, round up some of partner E-Stamp...

16/3,K/13 (Item 8 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2006 Business Wire. All rts. reserv.

00161099 19991221355B1153 (USE FORMAT 7 FOR FULLTEXT)
Optio Software and Syntax.net Reseller Partnership Offers a Robust Solution to Produce and Deliver Customized Documents To Support E-Business and Extend the Reach of the Global Enterprise
Business Wire
Tuesday, December 21, 1999 09:07 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 830

TEXT:

...intensive commerce to e-business, announced today the addition of Syntax.net as an Optio **Channel Partner**.

Syntax.net is a full-service business solution provider specializing in Enterprise Resource Planning...

...commerce servers.

Optio e.ComPresent - E-business software that provides secure, browser-based presentation of **customized information**. **Information** can be grouped in pre-defined or **user**-specified folders for easy access. All information is fully indexed and supports familiar Internet search techniques. **Users** are alerted to the publication of new or updated information with **subscription**-based notifications that arrive via **e-mail**, **pager**, fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill presentment and self...

...applications.

OptioDesignStudio(TM) - Windows based software that allows users to map, create, model from applications, **databases** and files, and create business rules and conditional logic to automate processing of the information...
...meet their customers' unique requirements."

"We are pleased that Syntax.net has become an Optio **Channel Partner**, joining the growing list of companies representing our solutions," said C. Wayne Cape, president...

...faxes and wireless devices. Optio's software takes real-time information from enterprise applications, external **databases** and files, customizes it to

suit business needs and delivers it to an organization's...

...Planning (ERP) and Business Intelligence (BI) solutions. The company provides a complete package of products, **services** and support, including strategic consulting, hardware and software implementation, networking, project management, systems integration, consulting...

...and other technology leaders in order to provide the best combination of hardware, software, and **services** to help its customers gain competitive advantage. Founded in 1972, the company maintains offices in...

16/3,K/14 (Item 9 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2006 Business Wire. All rts. reserv.

00160562 19991220354B1531 (USE FORMAT 7 FOR FULLTEXT)
Optio Software Corrects and Replaces Previous Announcement, BW1462, GA-OPTIO-SOFTWARE, which ran Monday Dec. 20
Business Wire
Monday, December 20, 1999 13:45 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 824

TEXT:
...global network of digital destinations, announced today the addition of Syntax.net as an Optio **Channel** Partner.

Syntax.net is a full-service business solution provider specializing in Enterprise Resource Planning...

...commerce servers.

Optio e.ComPresent - E-business software that provides secure, browser-based presentation of **customized information**. **Information** can be grouped in pre-defined or **user**-specified folders for easy access. All information is fully indexed and supports familiar Internet search techniques. **Users** are alerted to the publication of new or updated information with **subscription**-based notifications that arrive via **e - mail**, **pager**, fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill presentment and self...

...applications.

OptioDesignStudio(TM) - Windows based software that allows users to map, create, model from applications, **databases** and files, and create business rules and conditional logic to automate processing of the information...
...meet their customers' unique requirements."

"We are pleased that Syntax.net has become an Optio **Channel** Partner, joining the growing list of companies representing our solutions," said C. Wayne Cape, president...

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...and other technology leaders in order to provide the best combination of hardware, software, and **services** to help its customers gain competitive advantage. Founded in 1972, the company maintains offices in...

16/3,K/15 (Item 10 from file: 610)
DIALOG(R)File 610:Business Wire
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00152877 19991208342B0027 (USE FORMAT 7 FOR FULLTEXT)
(PCS) Amazon.com and Sprint First to Offer Internet Shopping on Wireless Phones
Business Wire
Wednesday, December 8, 1999 06:17 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,498

For the first time ever in the United States, two-way transactional electronic commerce **services** are now available for Sprint PCS and Amazon.com customers to utilize for shopping easily...

...more convenient, Amazon.com Anywhere has expanded the number of wireless features for Sprint PCS **customers**. Starting today, Sprint PCS **customers** can take advantage of Amazon.com's popular Gift-Click and Personal Recommendations features, and can access Best Seller lists. With the Gift-Click feature, Sprint PCS Wireless Web **customers** will be able to buy and send gifts by simply entering the recipient's **e-mail** address on their **wireless phone**. Amazon.com will handle all the details including contacting the recipient to arrange delivery. Other...

...products, compare prices or check on orders.

Amazon.com Anywhere is a broad expansion of **services** that allows customers to access Earth's Biggest Selection from many wireless devices. Sprint PCS...

...in late September, offering customers a suite of simple, user-friendly wireless data products and **services**. By using Internet-ready Sprint PCS Phones, customers can now shop, trade stocks online, browse select Internet-based content in real time, receive automatic **personalized news** features, **weather**, stock quotes, and e-mail updates, and connect to the Internet or corporate Intranet by...

...the service for a default rate of \$.39 per minute. There is no extra service **charge** to access an Amazon.com account while on the Sprint PCS Wireless Web. Details are...

...a Web-based address book,

calendar, and reminder service. It also operates the Internet Movie **Database** (www.imdb.com), the Web's comprehensive and authoritative source of information on more than...at www.drugstore.com; Pets.com, the online leader for pet products, expert information, and **services**, at www.pets.com; HomeGrocer.com, the first fully integrated Internet grocery-shopping and home...

...performance, risks of system interruption, management of potential growth, risks related to auction and zShops **services**, risks related to fraud and Amazon.com Payments, and risks of new business areas, international...

...a global communications company at the forefront of integrating long distance, local and wireless communications **services** and of the world's largest carriers of Internet traffic. Sprint built and operates the...

...only nationwide all-digital, fiber optic network and is a leader in advanced data communications **services**. Sprint has \$17 billion in annual revenues and serves more than 20 million business and...

...Tom Murphy, Sprint PCS
Director of Media Relations
816/559-6703 (O); 888/347-1660 (**pager**)
tmurph01@sprintspectrum.com
or
Mary Osako, Sprint PCS
Manager of Media Relations
816/559-1337 (O); 888/534-0423 (**pager**)
mosako01@sprintspectrum.com

GEOGRAPHY: WASHINGTON MISSOURI

INDUSTRY CODE: INTERNET
RETAIL
E-COMMERCE
TELECOMMUNICATIONS

...EVENT NAMES: DISTRIBUTION **CHANNELS** ;

16/3,K/16 (Item 11 from file: 610)
DIALOG(R)File 610:Business Wire
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00012066 1999063B1062 (USE FORMAT 7 FOR FULLTEXT)
Yahoo! Secures Wireless Distribution on PageNet Pagers; PageNet to Provide Pager Users With Wireless Access to Personalized Content, Yahoo! Mail and Yahoo! Calendar
Business Wire
Thursday, March 4, 1999 08:14 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 820

Yahoo! Secures Wireless Distribution on PageNet Pagers; PageNet to Provide Pager Users With Wireless Access to Personalized Content, Yahoo! Mail and Yahoo! Calendar

TEXT:

Yahoo! Inc.

(Nasdaq:YHOO), a global Internet media company, and PageNet(R)
(Nasdaq: **PAGE**), a leader in wireless messaging and information, today
announced an agreement to offer Yahoo!(R...

...to

PageNet's wireless subscribers.

Under the agreement, PageNet will distribute Yahoo!'s personalized
Internet **services** including personalized content, Yahoo! Mail and
Yahoo! Calendar on a nationwide basis. The companies expect...

...through their PageNet pagers and other PageNet wireless
devices. PageNet will deliver the co-branded **services** including
personalized news features, stock quotes, weather, sports scores,
horoscopes, email and calendar functions.

In addition, dedicated links will appear on the users' co-branded
PageNet My Yahoo! **page**. Yahoo! users can link directly to PageNet's Web
site where they can subscribe to...

...a designated sender. This personalized
service will provide users with a mechanism to receive important **email**,
via their **pager**, on a priority basis.

"Our goal has always been to make Yahoo! available to users...

...Yahoo! Inc.

"As part of our 'Yahoo! Everywhere' strategy, we are committed to
distributing Yahoo! **services** through a range of PC, access, device and
communication providers. With this service, users will...

...Web-to-wireless vision into reality,"
said Bill Binning, vice president of marketing for information
services, PageNet.

"Last year, more than 40 million messages were sent to PageNet
subscribers via the...

...become synonymous with innovation
and success in this medium."

PageNet has developed a proprietary information **services** platform, or
"content engine," that enables it to efficiently unleash the powerful
advantage of paging's multicast technology. This will allow users to
select and receive **personalized information** at a fixed monthly
subscription rate in addition to their monthly paging service **fee**. This
compares with other information **services**, which **charge** on a per-message
basis.

About PageNet

PageNet (Nasdaq: **PAGE**) is the leading provider of wireless messaging and
information **services** with 10 million subscribers in all 50 states, the
District of Columbia, the U.S...

...Rico, Canada and

Spain. The company offers a full range of paging and advanced messaging
services, including assured-delivery messaging, two-way wireless email,
and global messaging.

Additionally, the company develops...

...global Internet media company that offers a branded network of comprehensive information, communication and shopping **services** to millions of users daily. As the first online navigational guide to the Web, (http...

16/3,K/17 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2006 Financial Times Ltd. All rts. reserv.

0010520725 A200003292B9-52-FT

INSIDE TRACK: Underawed by the wireless web: In spite of all the hype about internet access by cell phone, the technology at present is strictly for gadget fans

LOUISE KEHOE

Financial Times, London Ed1 ED, P 17

Wednesday, March 29, 2000

DOCUMENT TYPE: NEWSPAPER; Features LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: INSIDE TRACK

Word Count: 982

ABSTRACT:

...Software & Computer **Services** , Internet

...Oracle subsidiary, showed me its version of a wireless internet portal. The company combines related **services** so that, for example, a user can look up skiing conditions, get directions to a...

...to encourage phone buyers to access the internet. Users can select their favourite wireless web **services** using a computer and then access these **services** via the mobile.

The company also aims to participate in "m-commerce" - selling via mobile ...

...for example - to provide a "unified" view. This month the company launched its wireless web **services** aimed at internet content publishers.

"Imagine," Yodlee says, "giving your customers the power to check...

...meetings with these three companies:

* Cell phones are not designed to display text. Voice-enabled **services** , which OracleMobile and its rivals Phone.com and Infospace are pursuing, will be critical to the success of wireless web **services** .

* There may be millions more cell phone users than personal computer users, but the first...

...use in parts of the world that have low PC penetration are probably ill founded.

* **Personalisation** of web **content** , a concept that has yet to live up to expectations on the "tethered web" **services** delivered to PCs, will be far more important on the wireless web because users will want to minimise "air time" **fees** .

* Security will be critical on the wireless web because cell phones and other pocket-sized devices are more prone to theft or loss.

* The wireless web will be a sales **channel** , rather than an information **channel** . With limited opportunities for advertising, information **services** will be forced to combine with e-commerce **services** .

* Until the " **user** interface" - the buttons that must be **pushed** - on **cell phones** is standardised, the wireless web may be harder to navigate than the PC web.

* The...

PRODUCT/INDUSTRY NAMES: Information Retrieval **Services** (SC=7375...

...On-Line Information **Services** (NC=514191...

Set	Items	Description
S1	97245	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	2691713	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	727714	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	1618163	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	739595	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	131926	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	975631	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	3725	S1(5N)S2
S9	11362	S5(S)S6
S10	76	S8 AND S9
S11	4	S10 AND S3
S12	210	S8 AND S6
S13	14	S12 AND S3
S14	7	S13 NOT PY>2000
S15	7	RD (unique items)
File	2:INSPEC	1898-2006/Sep W2 (c) 2006 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2006/Aug (c) 2006 ProQuest Info&Learning
File	65:Inside Conferences	1993-2006/Sep 21 (c) 2006 BLDSC all rts. reserv.
File	99:Wilson Appl. Sci & Tech Abs	1983-2006/Jul (c) 2006 The HW Wilson Co.
File	474:New York Times Abs	1969-2006/Sep 20 (c) 2006 The New York Times
File	475:Wall Street Journal Abs	1973-2006/Sep 20 (c) 2006 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group

15/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2006 Institution of Electrical Engineers. All rts. reserv.

02640697 INSPEC Abstract Number: B81013188

Title: The case for liquid crystal displays

Author(s): Holt, I.

Journal: New Electronics vol.13, no.21 p.53-4

Publication Date: 28 Oct. 1980 Country of Publication: UK

CODEN: NWELAC ISSN: 0047-9624

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The attributes of LCDs are well-known and are reflected in their present usage: their ultra-low power consumption has led to widest use in **portable equipment** supported by their ability to be read in all lighting conditions from darkness (with the use of a backlight) to bright sunlight. Of unique importance in the field of **information** display is the availability of **custom** display design services. Most manufacturers are able to supply specials for a modest tooling **charge**, enabling the engineer to add distinction and improved usefulness to his equipment. In these respects, LCDs experience little competition from other technologies.
(0 Refs)

Subfile: B

Descriptors: display devices; liquid crystal devices; reviews

Identifiers: liquid crystal displays; power consumption; lighting conditions; custom display design services; display devices

Class Codes: B4150D (Liquid crystal devices); B7260 (Display technology and systems)

15/5/2 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2006 The HW Wilson Co. All rts. reserv.

2329934 H.W. WILSON RECORD NUMBER: BAST01002695

XM and Sirius get serious about broadcast satellite radio

Lewis, Ted;

Computer v. 33 no9 (Sept. 2000) p. 104, 102-3

DOCUMENT TYPE: Feature Article ISSN: 0018-9162 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The writer considers the future prospects of Digital Audio Radio Satellite (DARS) systems. During the fall of 2000, Sirius Satellite Radio and XM Satellite Radio Holdings will launch several satellites for delivering DARS programming to 200 million registered vehicles in the U.S. For a **subscription fee** of \$10 per month, users will have 100 channels, half of which will offer high-quality digital music free of adverts. Although both ventures appear to be based on good market research, consumers are more likely to buy **portable digital equipment** and receive **personalized content** delivered over a single channel.

DESCRIPTORS: Digital audio radio satellite service; Direct broadcast satellites;

15/5/3 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

09393961

Qwest Begins Voice Portal Services

US: QWEST LAUNCHES VOICE ACTIVATED WEB SERVICE
Los Angeles Times (AUD) 31 Oct 2000 Online
Language: ENGLISH

Qwest Communications International of the US has launched a talking Internet service over its **wireless phones**. The voice-activated Web-browsing service offers customers **personalised news, sports, airline information**, traffic reports, stock quotes and weather reports. The service will be available to consumers and small businesses in eight states in the US for a **charge** of US\$ 4.95 per month. Yahoo!, TellMe and America Online offer similar services.

COMPANY: AMERICA ONLINE; TELLME; YAHOO; QWEST COMMUNICATIONS INTL

EVENT: Product Design & Development (33);
COUNTRY: United States (1USA);

15/5/4 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09339185

Chan Brothers targeting smaller agents

SINGAPORE: TRAVEL AGENCY GOES E-COMMERCE
Business Times (XBA) 07 Aug 2000 p.5
Language: ENGLISH

Singapore's Chan Brothers, a travel agency, hopes to be listed on the Singapore Exchange so as to finance its technology initiatives and support services for them, which would be around S\$ 10 mn over the next few years, according to its managing director Anthony Chan. The firm is targeting alliances with small and medium-sized travel agents via e-commerce to boost its business. In Singapore, there are now about 250 travel agents with annual revenue of under S\$ 5 mn each, and about 300 medium-sized agents with annual revenue of S\$ 5-20 mn. Agents in these categories need not pay a **fee** to use Chan Brothers' business-to-business portal. Chan Brothers pays them commissions when they sell packages to their clients, and in return gets income from margins already built into the prices offered. E-commerce will help Chan Brothers cut costs and staffing expenses while at the same time widen its coverage. Besides the B2B portal, the firm also has a portal for consumers, where they can find out information and conduct transactions for tour packages, airfares and hotel bookings, among other services. Chan Brothers is also investing in an engine that will help it **tailor** its business and **information content** to different technology platforms, including television, wireless access and **personal digital assistants**. The firm plans to strengthen its presence in all the travel markets in Singapore, especially the corporate market. It will also set up regional travel portals within the next few weeks in seven other countries, including Australia, New Zealand, Hong Kong and Malaysia, and prices offered on tours and bookings will be customised to the respective countries.

COMPANY: CHAN BROTHERS

PRODUCT: Travel Agencies (4721); Lodging & Tourist Services (7010);
Tourism & Travel (7010TT);
EVENT: General Management Services (26); Plant/Facilities/Equipment (44);
Planning & Information (22);

COUNTRY: Singapore (9SIN);

15/5/5 (Item 3 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09313858

Manila Bulletin first to offer mobile edition
PHILIPPINES: MB BARES CELLULAR ONLINE SERVICE
Manila Bulletin (XAZ) 23 Jun 2000 p.B-2
Language: ENGLISH

Users of personal digital assistance (**PDA**) or any another **mobile devices** in the Philippines can now gain access to the latest updates in MB Online, the online newspaper facility offered by Philippine leading daily Manila Bulletin (MB) via the Internet with the new mobile Internet service. Lauded as the first in the Philippines, the new mobile Internet service is a joint venture between MB Online and mobile Internet services provider Avantgo.com (Avantgo). **Cellular device** users will need to subscribe with Avantgo.com to access to the new wireless mobile Internet service of which will enable users to avail to applications and **personalised content** free of **charge** . Avantgo consists of investors including 3Com <networking equipment producer> and Microsoft <software firm>, both from the <US>.

COMPANY: MICROSOFT; 3COM; AVANTGO; AVANTGOCOM; INTERNET; MB; MANILA BULLETIN; MB ONLINE
PRODUCT: Printing & Publishing (2700);
EVENT: Product Design & Development (33); Company Formation (14);
Marketing Procedures (24);
COUNTRY: Philippines (9PHI);

15/5/6 (Item 4 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)
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09205445

Freeserve links with Cellnet
UK: CELLNET AND FREESERVE IN STRATEGIC ALLIANCE
The Times (TS) 03 Dec 1999 p.33
Language: ENGLISH

The Internet access company Freeserve is enter a strategic alliance with BT Cellnet, allowing it to use Cellnet's Genie Internet portal to develop a range of mobile Internet services. **Subscription** services for the **personalised mobile information** system, which will include share prices, sports results and enhanced email, will be available to over 20mn UK **mobile phone** users. Shares in Freeserve, which has more than 1.48mn active registered accounts for its Internet service, rose by nearly 30% to GBt 3.7075 at the news. This took the market capitalisation of the company to more than GBt 4bn.

COMPANY: BT CELLNET; FREESERVE
PRODUCT: Cellular Radio Services (4811CR);
EVENT: Company Financial Data (80); Company Formation (14);
COUNTRY: United Kingdom (4UK);

15/5/7 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06364487

PageNet Beeps CNN News To Users Free of **Charge**

US: CNN OFFERS NEW SERVICE
Wall Street Journal Europe (WSJ) 13 Sep 1996 p. 5
Language: ENGLISH

Tailored weather , stock market and world **news** can now be transmitted by CNN to users of its Paging Network in the US, with updates available every half a minute. CNN hopes that its reliable image will make its service more successful than others offered by paging firms. The US-based news organisation is offering the bleeper-related service free to the 600,000 or so subscribers to this paging service in a move designed to head off expected competition from digital **wireless telephones** and cope with fierce competition generally.

COMPANY: CNN

PRODUCT: Messaging Svcs (4811ME); Paging Services (4838PG); Communications
Eqp ex Tel (3662); Financial Service Information Providers (7375FN);
EVENT: Product Design & Development (33); Planning & Information (22);
COUNTRY: United States (1USA);

Set	Items	Description
S1	735622	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	31970779	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	4096798	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	13343186	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	9450419	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	944077	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	6643814	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	49056	S1(3N)S2
S9	1817	S8(S)S3
S10	186889	S5(4N)S6
S11	66	S9(4S)S10
S12	64	S11(4S)S7
S13	22	S12 NOT PY>2000
S14	17	RD (unique items)
File	20:Dialog Global Reporter 1997-2006/Sep 21 (c) 2006 Dialog	

14/3,K/1

DIALOG(R)File 20:Dialog Global Reporter
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14013398 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Hi, I'm Luxura and I'll Be Your Car Today**Voice activation and other tech toys will soon give you a Web on wheels**

SECTION TITLE: E-life

Compiler: By Keith Naughton and Julie Halpert

NEWSWEEK INTERNATIONAL

November 27, 2000

JOURNAL CODE: FNWI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1009

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to find their way home by pressing a button and also alert
authorities if a **subscriber** 's airbag goes off.

The new technology means your car is no longer just a...

14/3,K/2

DIALOG(R)File 20:Dialog Global Reporter
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13912722 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**u-Blox Licenses Parthus Global Positioning System (GPS) Technology for
Deployment in Next Generation Mobile Internet Devices**

PR NEWSWIRE

November 23, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1213

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... software stacks for both mobile phone and automotive markets.
NavStream delivers unrivalled location accuracy (locates **users** to under
five meters within the five second E911 guideline) to any device, be that
...

... and low power consumption, and deliver significant cost and
time-to-market advantages to its **customers**. Parthus is headquartered in
Dublin with offices in six countries and is listed on the...

14/3,K/3

DIALOG(R)File 20:Dialog Global Reporter
(c) 2006 Dialog. All rts. reserv.

13310420 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**TrafficStation to be Exclusive Provider of Personalized Traffic Information
to Top Online Automotive Portal, TheCarConnection.com**

BUSINESS WIRE

October 16, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 587

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... areas and also have access to subscription services and

personalized traffic information that can be **delivered** via the Web or **mobile** wireless devices .

"Providing personalized traffic content to the authoritative go-to site for the latest innovations and...

... glance look at traffic in their city and a customized view of specific commuter routes. **Users** will also have access to TrafficStation's real-time personalized traffic information on their wireless...

...personalized proactive alerts.

"Integrating TrafficStation's services into our Internet portal adds tremendous value for **users** of our Web site by providing content that is innovative and relevant not only to...

...TheCarConnection.com.

"TrafficStation is exactly the kind of 'sticky' content we like to provide to **users** , giving them yet another reason to keep coming back and using our portal for a...

14/3,K/4

DIALOG(R)File 20:Dialog Global Reporter
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12331412 (USE FORMAT 7 OR 9 FOR FULLTEXT)

DIGITAL ISLAND: Digital Island forms partnership with Digital Envoy to provide city level geographic relevance for Internet applications; TraceWare's enhanced geographic intelligence to be fully integrated into Digital Island's global e business delivery

M2 PRESSWIRE

August 02, 2000

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 757

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... TraceWare will analyse connection speed and other device parameters to further customise content that is **delivered** , for example, to **cellular phones** , personal digital assistants and Internet appliances.

"Our ability to integrate Digital Island's TraceWare technology into NetAcuity will enable Digital Envoy to provide our **customers** with the most advanced geographic intelligence solution on the market," said Sanjay Parekh, CEO of...

... Delivery Network using hosting, content delivery, networking and application services to help companies improve their **customers** ' online experience by making Web applications run faster and more reliably and scale globally, resulting...

... a global Internet infrastructure company focused on providing geo-targeting, connection relevant experiences, while maintaining **user** privacy.

Digital Envoy is headquartered in Atlanta, Georgia and has an office in San Francisco...

14/3,K/5

DIALOG(R)File 20:Dialog Global Reporter
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11734621 (USE FORMAT 7 OR 9 FOR FULLTEXT)

New Web Technology Wires Consumers 24/7 Without Sitting at Computer

PR NEWSWIRE

June 29, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 681

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... com's personal intelligence network(TM) allows users to view and receive, free of charge, **personalized information** such as **weather**, sports, news and finance. For example, a **consumer** may receive an alert that a stock in their portfolio has been upgraded, and three...

... com said, "With Strategy.com and products like MyFinance, Belo can deliver services to their **customers** that are innovative, proactive and personalized. Strategy.com allows Belo to touch **customers** more often and with only the information that is important to them, creating greater **customer** loyalty."

Belo is one of the nation's largest media companies with a diversified group...

14/3,K/6

DIALOG(R)File 20:Dialog Global Reporter

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11704259 (USE FORMAT 7 OR 9 FOR FULLTEXT)

BroadVision Introduces One-To-One Publishing to Enhance Suite of Enterprise E-Business Solutions

BUSINESS WIRE

June 27, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 842

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to deploy and customize business information and prepares for the near-term need for content **delivery** to **wireless devices**.

"The mass customization of accounting-related material made possible by BroadVision One-To-One Publishing enables PPC to assemble the exact content a **customer** needs at any specific point in time and distribute it to their desktops," said Lloyd...

... structured and reusable content, thereby increasing timeliness and reducing cost. The One-To-One Publishing **customer** will create new content and edit existing content using familiar applications such as Microsoft(R) ...

... PowerPoint. Once created, this information can be broken down into manageable pieces so that multiple **users** working on separate contributions can combine sections and publish to one Web site, printed document...

... Management of the entire publishing process is handled using a robust graphical workflow that allows **users** to edit, review and track projects. The graphical workflow is also iterative - **users** may move a task back to a prior stage for redo, as well as promote...

14/3,K/7

DIALOG(R)File 20:Dialog Global Reporter
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10722792 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**MicroStrategy and Plumtree Enhance Alliance to Give Corporate Portal Users
Easy Access to MicroStrategy's Intelligent E-Business(TM) Software**

PR NEWSWIRE

April 25, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1205

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... gadgets from Plumtree's gadget factory, at
<http://gadgets.plumtree.com>.

"Empowering portal users to **deliver** information to **wireless devices** extends the reach of the portal to new audiences who have previously only had limited...

...e-business combined with MicroStrategy's business intelligence expertise offers a comprehensive solution for our **customers**."

About MicroStrategy Incorporated

MicroStrategy is a leading worldwide provider of Intelligent E-Business(TM) software...

... that enable global 2000 organizations to build personal relationships with their partners, supply-chains, and **customers**. MicroStrategy delivers these solutions via web, wireless, and voice. In addition to its industry leading technology, MicroStrategy also offers a comprehensive set of consulting, training and support services for its **customers** and partners.

MicroStrategy has approximately 1000 **customers** across such diverse industries as retail, finance, telecommunications, dot-com, insurance, healthcare, pharmaceuticals and **consumer** packaged goods. MicroStrategy also has entered into relationships with more than 225 systems integrators, application...

14/3,K/8

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09383189 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Infonautics Releases Upgrade of Company Sleuth

PR NEWSWIRE

February 01, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 714

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a prime example of potential future services. "We want to deliver relevant information to our **users** when and where they want it. With this release we're starting to deliver information...

... searches the Internet and uncovers financial and business news and information that is customized to **users** ' profiles. With the Company Sleuth service, **users** receive a daily e-mail report detailing the business activities, financial moves and Internet dealings...

...reference service of its type on the Internet, and is one of the largest paid **subscription** sites on the Web, with more than 85,000 paying

subscribers . Infonautics was founded in November 1992, and is headquartered in Wayne, PA.
INFONAUTICS is a...

14/3,K/9

DIALOG(R)File 20:Dialog Global Reporter
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09099821 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Personal Interactive Traffic Data Available Online
NEWSBYTES
January 12, 2000
JOURNAL CODE: FNEW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 545

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... delays or congestion, Traffic Station notifies subscribers in advance of their planned travel time via **cell phone** and **e - mail** . Traffic Station will also check out and advise on the suitability of an alternative route...

... cell phone calls per month and an unlimited e-mail notifications are included in the **subscription fee** .

"Partnering with U.S. Wireless builds on the Traffic Station goal of providing commuters with...

... technology and operational process needed to turn traffic data into actionable information of use to **customers** ."

Smith explained that through the use of U.S. Wireless' RadioCamera technology, cellular phones equipped...

...resort to antiquated physical equipment.

Smith was unable to give Newsbytes the number of current **subscribers** to Traffic Station's personalized **subscriber** service, as it has just become available. However, Smith did say that the service is available for all WAP (Wireless Application Protocol)-enabled phones and devices, as well as for **consumer** electronic devices such as Casio's and 3Com's Palm PCs.

Travel Station's new...

14/3,K/10

DIALOG(R)File 20:Dialog Global Reporter
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08940757 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Optio Software and Syntax.net Reseller Partnership Offers a Robust Solution to Produce and Deliver Customized Documents To Support E-Business and Extend the Reach of the Global Enterprise
CANADIAN CORPORATE NEWS
December 21, 1999
JOURNAL CODE: WCCN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 763

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to the publication of new or updated information with subscription-based notifications that arrive via **e - mail** , **pager** , fax or printer. e.ComPresent facilitates the delivery of **customized**

information to support e-business initiatives like report distribution, information portals, online bill presentment and self-service applications.

OptioDesignStudio(TM) - Windows based software that allows **users** to map, create, model from applications, databases and files, and create business rules and conditional...

... the Optio solution among our complementary partner offerings. The Optio products are ideal for our **customers** ' system output needs -- they are easy-to-use and offer ultimate flexibility to help them meet their **customers** ' unique requirements."

"We are pleased that Syntax.net has become an Optio Channel Partner, joining...

14/3,K/11

DIALOG(R)File 20:Dialog Global Reporter
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08803124 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Optio Software Corrects and Replaces Previous Announcement, BW1462, GA-OPTIO-SOFTWARE, which ran Monday Dec. 20

BUSINESS WIRE

December 20, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 894

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to the publication of new or updated information with subscription-based notifications that arrive via **e - mail** , **pager** , fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill presentment and self-service applications.

OptioDesignStudio(TM) - Windows based software that allows **users** to map, create, model from applications, databases and files, and create business rules and conditional...

... the Optio solution among our complementary partner offerings. The Optio products are ideal for our **customers** ' system output needs -- they are easy-to-use and offer ultimate flexibility to help them meet their **customers** ' unique requirements."

"We are pleased that Syntax.net has become an Optio Channel Partner, joining...

14/3,K/12

DIALOG(R)File 20:Dialog Global Reporter
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08773450

In Brief: On-Line Broker Offers Market Data for Free

AMERICAN BANKER, p14

November 19, 1999

JOURNAL CODE: WAMB LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 64

The on-line broker Ameritrade Inc. is offering to send personalized market information to **customers** ' mobile phones, pagers, and e-mail accounts at no **charge** .

Thomas K. Lewis, co-chief executive officer of Ameritrade Holding

Corp., said the service gives **customers** insight, advice, and portfolio tracking aids traditionally provided by full-service brokers. The offering, Ameritrade...

14/3,K/13

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08252681 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Business & Finance: America Online details jobs for Dublin

COLMAN CASSIDY and MADELEINE LYONS

IRISH TIMES, p20

November 16, 1999

JOURNAL CODE: FIRT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 464

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... AOL may move away from the subscription-based model to charging for new services, including **customised delivery of information to mobile phones** .

14/3,K/14

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04521880 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Yahoo! Secures Wireless Distribution on PageNet Pagers; PageNet to Provide Pager Users With Wireless Access to Personalized Content, Yahoo! Mail and Yahoo! Calendar

BUSINESS WIRE

March 04, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 955

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... only urgent email messages, or messages from a designated sender. This personalized service will provide **users** with a mechanism to receive important email, via their pager, on a priority basis.

"Our goal has always been to make Yahoo! available to **users** of any device, from any access point, at any time," said Ellen Siminoff, vice president...

... Yahoo! services through a range of PC, access, device and communication providers. With this service, **users** will be empowered by Internet functionality without being tied to a home or office PC...

...for information services, PageNet.

"Last year, more than 40 million messages were sent to PageNet **subscribers** via the Internet. But we've only scratched the surface: the ability to access all...

... of information without being tethered to a PC is the next logical step for Internet **users** . In teaming with Yahoo!, we have joined with a brand that has become synonymous with...

... it to efficiently unleash the powerful advantage of paging's multicast technology. This will allow **users** to select and receive personalized

information at a fixed monthly **subscription** rate in addition to their monthly paging service **fee** . This compares with other information services, which **charge** on a per-message basis.

About PageNet

PageNet (Nasdaq:PAGE) is the leading provider of wireless messaging and information services with 10 million **subscribers** in all 50 states, the District of Columbia, the U.S. Virgin Islands, Puerto Rico...

14/3,K/15

DIALOG(R)File 20:Dialog Global Reporter

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02858928

Wireless Industry's First Co-Op Advertising and Awareness Program for Personalized Information Services Launched Under the "Powered By iii" Banner by Intelligent Information Incorporated

PR NEWSWIRE

September 18, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 649

... to expect the best, with creative new and enhanced services being introduced regularly, such as **Pay -per- View** events and local content. For wireless service providers, displaying the "Powered by iii" logo offers ...

... of III's value-added services which work through the text messaging capabilities of their **customers** ' mobile telephone handsets or alphanumeric pagers. Intelligent Information Incorporated was founded in 1991 with the...

... personal needs. III offers a range of agent-based information products for personal and business **users** of wireless devices including real-time stock quotes, news, health, weather, traffic, sports and entertainment...

... and alerts from over forty "brand name" information providers. III's services are delivered to **users** of PCS and cellular telephones, pagers, palmtop computers and other wireless devices in the United States and internationally through wireless service carriers and individual **subscriptions** . For more information visit www.intelligentinfo.com or contact: Intelligent Information Incorporated, One Dock Street...

14/3,K/16

DIALOG(R)File 20:Dialog Global Reporter

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02475521 (USE FORMAT 7 OR 9 FOR FULLTEXT)

MicroStrategy Customers Embrace DSS Broadcaster

BUSINESS WIRE

August 11, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1498

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... effort or involvement from the IT staff. "DSS Broadcaster is truly exciting because it will **personalize** the delivery, **content** , and schedule of information for every **user** ," said Rick Caskey, DSS project

team manager at Perot Systems. "Allowing **users** to decide when they want data and how they want it delivered will help us...

... DSS Broadcaster will allow us to include hyperlinks to our interactive decision support application so **users** can delve deeper into the data they receive on their pager, fax, or mobile phone. By meeting the needs of all of our **users**, DSS Broadcaster will change how Perot Systems views and acts on information."

Allied Signal Keeps...

...the Know AlliedSignal's Automotive Products Group (APG), a business unit of AlliedSignal Inc., services **customers** in the automotive retail, wholesale, and service industries. AlliedSignal, an advanced technology and manufacturing company...

... real need of providing its sales forces with timely, actionable information. "With the ability to **send** information outbound via fax, **pager**, and **email**, our sales force can receive customized information about key **customers** at critical times during the business cycle," said Rob Halsall, project manager at Allied Signal...we want, when we want it, where we want it delivered, and in what format. **Users** will then either act upon information in its broadcasted format, or conduct further analysis by...

... decision support system. They need to have a consistent pulse on which products sell, what **customers** are buying, and how they are performing versus previous year numbers in order to allow...

... testing DSS Broadcaster and believes it will be a vital tool for delivering information to **users** throughout the organization, allowing more employees to capitalize on current information to make crucial decisions...

... both active and passive delivery of information from large-scale databases, providing Global 2000 enterprise **user** communities with timely answers to mission-critical questions. MicroStrategy's decision support platform enables **users** to query and analyze the most detailed, transaction-level databases, turning data into business intelligence. In addition to supporting internal enterprise **users**, MicroStrategy's products extend DSS beyond corporate boundaries to **customers**, partners and supply chain constituencies through a broad range of pull and push technology such as the Internet, **e-mail**, telephones, **paggers** and other **wireless** communications **devices**. MicroStrategy also offers a comprehensive set of consulting, training and support services for its **customers** and partners. MicroStrategy has over 500 **customers** across such diverse industries as retail, telecommunications, finance, insurance, healthcare, pharmaceuticals and **consumer** packaged goods. MicroStrategy's **customers** use DSS Suite to perform mission-critical activities such as: **customer** segmentation and profitability analysis; supply chain management; one-to-one **customer** marketing; financial analysis; **customer** acquisition, retention, and churn analysis; merchandising and inventory analysis; product category management; and **customer** risk profiling. Representative MicroStrategy **customers** include American Express Travel Services, CVS Pharmacy, Harris Teeter, IMS America, Kmart, MCI, Merck-Medco ...

14/3,K/17

DIALOG(R)File 20:Dialog Global Reporter
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01213179 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**MicroStrategy Introduces DSS Broadcaster - The Industry's First Information
Broadcast Server**

BUSINESS WIRE

March 23, 1998 9:51

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1192

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... find the answers to their most pressing questions. By accelerating the flow of information through **paggers** , faxes, **mobile phones** , and **e-mail** , DSS **Broadcaster** will enable data providers to increase the market for their information. "DSS Broadcaster is the...

... Broadcaster can deliver file attachments, hyperlinks, and detailed instructions along with the data itself, giving **users** all the tools they need to act on information once they receive it. This is...

... and fully administer enterprise broadcast deployments. The console provides one central application for managing all **users** , addresses, schedules, styles, and broadcast services. Based on MicroStrategy's architecture, DSS Broadcaster's administrative...

... and ease of maintenance required for broad-based, highly scalable applications of this type.

Beta **Customers** Excited About DSS Broadcaster

Set	Items	Description
S1	283856	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	3235292	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	746636	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	2369791	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	2063911	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	156743	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	1919184	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	22201	S1(3N)S2
S9	12267	S5(4N)S6
S10	2165	S8(2S)S3
S11	6458	S9(S)S7
S12	39	S10(4S)S11
S13	66	S10 AND S11
S14	64	S13 AND S4
S15	30	S14 NOT PY>2000
S16	29	RD (unique items)

File 613:PR Newswire 1999-2006/Sep 21
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File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 634:San Jose Mercury Jun 1985-2006/Sep 20
(c) 2006 San Jose Mercury News

File 624:McGraw-Hill Publications 1985-2006/Sep 21
(c) 2006 McGraw-Hill Co. Inc

16/3,K/1 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire
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00469600 20001129NYW068 (USE FORMAT 7 FOR FULLTEXT)

Aquis And Oraclemobile Partner to Provide Internet Content Through Two-Way Wireless Messaging Devices

PR Newswire

Wednesday, November 29, 2000 10:15 EST

JOURNAL CODE: PR NEWSWIRE, INTERACTIVE CONNECTION LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 472

TEXT:

...to Aquis' existing and new two-way wireless messaging customers.

The Ask@OracleMobile service allows **users** to easily and quickly access Internet content from their two-way wireless communication devices without requiring a Web browser. **Users** can set up profiles to have custom information

delivered to their **wireless device** or use Aquis' two-way service to request information on demand. **Services** currently include: stock quotes, weather, traffic, directions, flight information and much more. **Users** can personalize the service on their PC by pre-setting desired **services** to deliver specific information.

...and unique service provides wireless Internet connectivity to all of our customers at no additional **charge** and without any hardware or software upgrades," stated John Frieling, Aquis CEO. "Along with Aquis...

...anywhere."

"OracleMobile's agreement with Aquis will enable Aquis customers to experience the power of **personalized information** on demand," said Denise Lahey, CEO of OracleMobile. "These **services** greatly extend the capabilities of two-way wireless messaging devices by transforming them into Web...

...browser."

About Aquis

Dedicated to becoming a leading provider of a full-range of telecommunications **services**, Aquis Communications Group, Inc. currently offers two-way interactive messaging as well as national, regional and local messaging **services** to customers in the Northeast, Mid-Atlantic and Midwest areas. The company also offers cellular...

16/3,K/2 (Item 2 from file: 613)
DIALOG(R)File 613:PR Newswire
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00467139 20001123SFTH006 (USE FORMAT 7 FOR FULLTEXT)
U-Blox Licenses Parthus Global Positioning System (GPS) Technology for Deployment in Next Generation Mobile Internet Devices
PR Newswire
Thursday, November 23, 2000 05:44 EST
JOURNAL CODE: PR NEWswire, INTERACTIVE CONNECTION LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,232

...to deploy GPS technology into every Swiss-registered truck. This innovative road-tolling system collects **fees** from truck owners based on their location. So far, 80,000 trucks in the country...

...in the U.S. must be able to instantly locate cellular callers to emergency 911 **services**. GPS is currently the only technology that provides consistent and accurate positioning to satisfy the ...

...commercial opportunities to wireless operators through "location-based m-Commerce." Operators can sell many unique **services** including real-time driving directions, traffic **information** and **personalized** concierge **services**, such as locating nearby restaurants, stores, ATMs and places of interest. As GPS becomes more...

...and mobile phones new uses will be possible such as automated road tolling and parking **fees** based on location, and asset protection -- if a car or phone is stolen, it will...

...NavStream technology is a complete GPS Platform incorporating radio, baseband and software stacks for both **mobile phone** and automotive markets. NavStream **delivers** unrivalled location accuracy (locates **users** to under five meters within the five second E911 guideline) to any device, be that...

...INDUSTRY NAMES: BUSINESS **SERVICES** ;

16/3,K/3 (Item 3 from file: 613)
DIALOG(R)File 613:PR Newswire
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00461791 20001115SFW050 (USE FORMAT 7 FOR FULLTEXT)
Blue Martini Software And Emerald Solutions Deliver First Fully Integrated Healthcare Management System for Planlinx
PR Newswire
Wednesday, November 15, 2000 07:00 EST
JOURNAL CODE: PR NEWswire, INTERACTIVE CONNECTION LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,120

Frank Eagle, Blue Martini Software's vice president of **services** alliances, said: "Emerald Solutions has been a strong partner delivering quantifiable results to our joint...

...Martini Software

Blue Martini Software provides enterprise software applications to understand, target and interact with **customers**. Companies deploy the Blue Martini **Customer** Interaction System to interact with **customers** on the Web, via call centers, in stores, over **wireless devices**, through **e-mail**, direct mail and on marketplaces. Business people use the Blue Martini **Customer** Interaction System to manage products, **content**, transactions, analysis and **personalization**. Companies that interact directly with **customers** build their brands more effectively than those using only traditional media, resulting in increased revenues across all **channels**. Blue Martini's **customers** include Bristol-Myers Squibb's OTN, Polaroid, Systemax, Canadian Tire Corporation, Giant Eagle Grocery, Harley...

...or www.bluemartini.com.

About Planlinx

Planlinx fulfills the vision of empowering employees to take **charge** of their own health within the corporate setting. Planlinx has evolved into a fully integrated...
...com, or call 877-686-2450.

About Emerald Solutions

Emerald Solutions is an e-business **services** company that designs and builds Internet-based business solutions by integrating digital business strategy with...

16/3,K/4 (Item 4 from file: 613)

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00452398 20001102HSTH015 (USE FORMAT 7 FOR FULLTEXT)

Leading-Edge Wireless Asps And Developers to Support Goamerica's Go.Web Service

PR Newswire

Thursday, November 2, 2000 06:01 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,351

TEXT:

...for wireless applications grows, GoAmerica, Inc. (Nasdaq: GOAM), a leading nationwide

wireless data and Internet **services** provider, today announced 14 leading wireless application service providers (ASPs) and software developers have joined...

...We are gratified to see that these industry leaders have selected GoAmerica as their wireless **services** partner and look forward to welcoming new members to the Go.Web Alliance."

About Go...

...of its customers by easily integrating wireless e-commerce, advertising and e-marketing programs and **services** while providing them with complete control of their brand. <http://www.2roam.com> .

AnyDevice provides...

...tools and patent-pending Intelligent Rendering(TM) process enable companies to extend their enterprise applications, **database** information and Web-based data to a wide array of wireless, voice and broadband devices ...

...mobile commerce solutions for wireless carriers, e-businesses and corporate enterprises. GiantBear's suite of **services** includes: application development and implementation; portal and platform development and integration; hosting and maintenance **services** ; strategic planning and marketing assistance; content and mobile commerce distribution; and billing and customer service...

...wireless application development and deployment platforms. <http://www.iconverse.com> .

Iframe Corporation is an Internet **services** company that provides strategy consulting, technology, creative design and network **services** to Fortune 500 and Internet start-up companies to decrease the time-to-market of...

...initiatives. iframe uniquely combines the strategic skills, professional approach, and experience of a large professional **services** firm with the speed, decisiveness and action of an Internet start-up. iframe is committed...

...enterprise, including hardware, software, wireless connectivity, support, and training, for a low, monthly per-user **subscription fee** . <http://www.infinitemobility.com> .

MobileQ provides server software and solutions that enable companies to deliver information to their mobile employees and **customers** quickly and securely, leveraging the emerging industry standard for Internet communication, XML. MobileQ's flagship...

...any existing enterprise technology architecture, enabling companies to extend the

reach of their applications by **delivering personalized information** to any **mobile device** . <http://www.mobileq.com> .

NetMorf delivers mobile business platforms for organizations that want to expand market reach, strengthen customer relationships and improve customer retention. Through its patent-pending technology, professional **services** and domain expertise, NetMorf enables organizations to develop an entirely new mobile **channel** based on m-logic. With its SiteMorfer m-business platform, companies can leverage the unique...

...a mobile user to drive a set of highly personalized transactions that creates a new **channel** for organizations to interact with customers, partners and employees. <http://www.netmorf.com>

Nisus is...

...systems, content personalization and push. Nisus' strength lies in combining domain expertise such as financial **services** , electronic markets (b2b and b2c clients) and wireless advertising/loyalty with latest wireless technology to delivery, mobile commerce and location based **services** . Wysdom offers its customers a faster time-to-market with a rapid application development environment...
...subscribers comprehensive and flexible mobile data solutions for wireless Internet access by providing wireless network **services** , mobile devices, and subscriber service support. For more information, call 888-462-4600 or visit...

...ability to increase and maintain its subscriber base, uncertainties relating to the future demand for **services** in the emerging wireless data **services** market and GoAmerica, Inc.'s ability to successfully grow its infrastructure and manage expanded operations...

...INDUSTRY NAMES: BUSINESS **SERVICES** ;
...EVENT NAMES: **SERVICES** ;

16/3,K/5 (Item 5 from file: 613)
DIALOG(R)File 613:PR Newswire
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00436896 20001016SFM106 (USE FORMAT 7 FOR FULLTEXT)
Omnisky Launches My Omnisky Customizable Services for Handheld Devices, Using Infospace's Platform And Suite of Services
PR Newswire
Monday, October 16, 2000 08:31 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 1,174

Omnisky Launches My Omnisky Customizable Services for Handheld Devices, Using Infospace's Platform And Suite of Services

TEXT:

OmniSky Corporation (Nasdaq: OMNY), a provider of branded wireless Internet and **e - mail services** for **users of handheld devices** , and InfoSpace (Nasdaq: INSP), a leading global provider of merchant and **consumer infrastructure services** on wireless and other platforms, today announced that OmniSky has leveraged InfoSpace's comprehensive platform to power My OmniSky, a suite of customizable **services** . Introduced in conjunction with the launch today of OmniSky's Release 2.0 wireless Internet and e-mail service, My OmniSky provides **customers** with access to a wide range of personal communication, information, and commerce **services** , branded as My OmniSky, and powered by InfoSpace.

OmniSky 2.0, including My OmniSky, is...

"InfoSpace's wireless Internet **services** allow us to offer our mobile customers the ability to access up-to-the-minute, **personalized information** from their handheld device," said Barak Berkowitz, OmniSky president. "We're pleased to leverage InfoSpace...

...This is an extension of our efforts to deliver cutting edge data and transaction infrastructure **services** across multiple platforms and devices, including TV's, mobile phones, PC's and Internet appliances...

...receive e-mail messages and securely conduct e-commerce transactions all for a fixed monthly **fee** . OmniSky partners with the leading wireless hardware, **services** and infrastructure providers, including AT&T Wireless, PSINet, Aether Systems, and InfoSpace, as well as...

...to manage its growth; the protection of our proprietary information; release of competitive products and **services** ; and general economic downturns. These and other risks are more fully described in OmniSky's...

...informed overview of the company.

About InfoSpace

InfoSpace is a leading global Internet information infrastructure **services** company. InfoSpace provides commerce, information and communication infrastructure **services** to wireless devices, merchants and Web sites. InfoSpace's affiliates include a network of wireless...

...the market for broadband wired (DSL and cable) and broadband wireless (2.5G and 3G) **services** , such as interactive gaming, television and other entertainment **services** . In addition, the merger brings full back end payment processing to InfoSpace's existing commerce **services** , allowing InfoSpace to offer everything a merchant

needs to
conduct the entire lifecycle of a...
...This release contains forward-looking statements relating to the
development of InfoSpace's products and **services** and future operating
results,
including statements regarding the Company's agreement with OmniSky, that
are...

...s actual results include the progress and costs of the development of
our products and **services** and the timing of market acceptance of those
products and **services** . A more detailed description of certain factors
that
could affect actual results include, but are...

16/3,K/6 (Item 6 from file: 613)
DIALOG(R)File 613:PR Newswire
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00429372 20001004LAW063 (USE FORMAT 7 FOR FULLTEXT)
Indicast Becomes First Voice Portal to Sign Wireless Carrier
PR Newswire
Wednesday, October 4, 2000 11:00 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 623

TEXT:
Indicast Inc., one of the leading
providers of **personalized** audio Internet **content** , today announced a
partnership with wireless service provider, Centennial Communications Corp.
-- making Indicast the first voice portal to announce audio Internet
services
to a wireless carrier. In turn, Centennial Communications becomes the
first
wireless carrier in the U.S. to offer its subscribers mobile access to
personalized audio Web **content** , powered by Indicast. Centennial
Communications, one of the largest independent wireless service providers
in
the...
...S., plans to offer its subscribers the audio news, information and
entertainment service as a **subscription** -based service starting in
November
2000.

"Indicast's voice portal **services** allow **users** to stay mobile while
still
having access to the information they need, wherever and whenever they need
it," said Bob Osias, president/chief executive officer, Indicast.
"Centennial
subscribers can now hear their 'individual **broadcast** ' over their
wireless
phones , and receive the information the way people are used to
interacting
with the phone -- by...

...allow users to pre-select topics of interest on the Internet using their
personalized start **page** , and create a broadcast that they can listen to
from
start to finish, or navigate...

...Dominican Republic, Jamaica and the U.S. Virgin Islands, and provides voice, data and Internet **services** on wireline networks in the region. Centennial also holds minority shares representing approximately 910,000...

...website at www.centennialcom.com.

About Indicast

Indicast is the premier provider of voice portal **services** to wireless carriers, Web portals, and large enterprises, offering a value-added service that enables...

16/3,K/7 (Item 7 from file: 613)

DIALOG(R)File 613:PR Newswire

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00364584 20000629DATH023 (USE FORMAT 7 FOR FULLTEXT)

New Web Technology Wires Consumers 24/7 without Sitting at Computer

PR Newswire

Thursday, June 29, 2000 10:39 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 698

TEXT:

...as Belo Interactive, the Internet subsidiary of Belo (NYSE: BLC), launches a series of personalized **services** available through Internet properties in major markets across the United States.

...possible through new technology developed by companies such as Strategy.com and Digital Cyclone, the **services** pinpoint and deliver exactly the information that **subscribers** need. **Consumers** simply log on the local Web sites of Belo-owned newspapers and television stations and register to receive alerts via **pager**, telephone, **mobile phone**, facsimile or **email**.

--
"While Belo delivers the information consumers want and care about most local and regional news...

...Interactive, Inc.

My-Cast(SM), one of the specific products offered, provides a level of **weather** accuracy and **personalization** that has never been seen before, providing users the intelligence to make smarter decisions, maximize...

...Strategy.com's personal intelligence network(TM) allows users to view and receive, free of **charge**, **personalized information** such as **weather**, sports, news and finance. For example, a consumer may receive an alert that a stock...

...COO of Strategy.com said, "With Strategy.com and products like MyFinance, Belo can deliver **services** to their customers that are innovative, proactive and personalized. Strategy.com allows Belo to touch ...

...TV (WB) in Phoenix. In addition, the Company owns five local or regional cable news **channels** and manages two television stations through local marketing agreements.

Belo's Publishing Division consists of...

...and newspapers, interactive alliances and partnerships, and a broad range of Internet-based products and **services**.

SOURCE Belo Interactive, Inc.

CONTACT: Kathy Prather of McGill Associates, 214-999-6700 ext. 19...

16/3,K/8 (Item 8 from file: 613)

DIALOG(R)File 613:PR Newswire

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00363356 20000628NYW051 (USE FORMAT 7 FOR FULLTEXT)

I3 Mobile to Power Infobeat Wireless Information Services

PR Newswire

Wednesday, June 28, 2000 08:31 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 863

I3 Mobile to Power Infobeat Wireless Information Services

TEXT:

...leader in innovative wireless media solutions since 1991, from personalized, localized information to m-commerce **services**, and InfoBeat, the leading personalized email newspaper with 3 million **subscribers**, today announced that i3 Mobile will be extending InfoBeat's **email based services** to **wireless phones**, pagers and PDAs.

This offering is the first result of i3 Mobile's relationship with...

The wireless **services** are expected to be available to InfoBeat's 3 million subscribers later this year, and include both weather and financial information **services**. Weather **services** will include daily forecasts, while financial **services** will include stock quotes and alerts. i3 Mobile will also offer highly targeted, opt-in...

...world of wireless."

"Our mission is to provide our loyal base of subscribers with the **personalized news and information** they desire and need on a daily basis. Finding new ways to reach our subscribers is an important part of our strategy, and working with i3 Mobile to enable our **services** wirelessly is a major step forward for us," said Mark Wachen, CEO of Indimi and...

...leveraging i3 Mobile's

expertise and innovation in the field of wireless content and commerce **services** ."

About InfoBeat

InfoBeat delivers free, **personalized news** straight to its 3 million subscribers' email inboxes. Subscribers customize and choose only the news...

...the news they receive. All InfoBeat emails are available in either text or HTML formats. **Subscription** to the service is free and easy at <http://www.infobeat.com>. InfoBeat is part...

...of wireless media solutions that enable wireless network operators, Web sites and enterprises to extend **personalized** , location-based **information** , mobile commerce and wireless advertising **services**

to their customers. As of the end of first quarter 2000, i3 Mobile was delivering up to two million wireless messages daily and had more than 700,000

users receiving **personalized information** on mobile phones, pagers, PDAs and other wireless devices. i3 Mobile's **services** are available to more than 55

percent of the North American mobile phone marketplace through...

...limited to, those related to the overall market acceptance of i3 Mobile's products and **services** ; uncertainties related to i3 Mobile's reliance on a small number of wireless network operators...

16/3,K/9 (Item 9 from file: 613)

DIALOG(R)File 613:PR Newswire

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00319388 20000425DCTU012 (USE FORMAT 7 FOR FULLTEXT)

Microstrategy And Plumtree Enhance Alliance to Give Corporate Portal Users Easy Access to Microstrategy's Intelligent E-Business(TM) Software

PR Newswire

Tuesday, April 25, 2000 08:32 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,212

TEXT:

...from the same Plumtree portal platform that integrates access to other enterprise applications and Internet **services** . The

MicroStrategy InfoCenter integration fortifies an alliance between the two companies first announced last September...

...is an intelligence portal that provides users with a single point of access to information **subscription** , analysis, and method of distribution options. MicroStrategy InfoCenter users can select and

personalize information services based on their preferences and choose

delivery **channels** for those **services** , including Web, wireless and voice. With

MicroStrategy InfoCenter embedded in a Plumtree portal, users can now manage **information services** via a **personalized** portal home **page**, but allow for delivery of that information via a variety of devices.

...Gadgets(TM) are plug-in portal modules that represent components of enterprise applications and Internet **services**. Users assemble a view of their business by choosing the gadgets to appear in a personalized portal **page**. The suite of MicroStrategy InfoCenter gadgets enables portal users to perform four functions from the...

...addresses: portal users can identify the devices to which they want to send reports.

- * Manage **services**: portal users can manage the **services** to which they subscribe.
- * View documents: portal users can view the reports in the **services** to which they subscribe.
- * View default reports: portal users can view their favorite data warehouse...

...the new gadgets from Plumtree's gadget factory, at <http://gadgets.plumtree.com>.

"Empowering portal **users** to **deliver** information to **wireless devices** extends the reach of the portal to new audiences who have previously only had limited...

...e-business combined with MicroStrategy's business intelligence expertise offers a comprehensive solution for our **customers**."

About MicroStrategy Incorporated
MicroStrategy is a leading worldwide provider of Intelligent E-Business(TM) software and related **services**. MicroStrategy's technology platform is creating a new generation of one-to-one e-business...

...its industry leading technology, MicroStrategy also offers a comprehensive set of consulting, training and support **services** for its customers and partners.

MicroStrategy has approximately 1000 customers across such diverse industries as...

...portal vendor to develop an extensible architecture for embedding components of corporate applications and Internet **services** in the portal as modular building blocks called Plumtree Portal Gadgets(TM). In February 2000...

...include Documentum, MicroStrategy, Siebel, IBM, Onyx Software and Concur Technologies. Plumtree's gadget development and **channel** partners

include PricewaterhouseCoopers, Compaq Computer, Inforte, Seranova, and Project Performance Corporation.

As the world's...

...Company's ability to recognize deferred revenue through delivery of products or satisfactory performance of **services** ; continued acceptance of the Company's products in the marketplace; the timing of significant orders...

16/3,K/10 (Item 10 from file: 613)

DIALOG(R)File 613:PR Newswire

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00295728 20000321NYTU079 (USE FORMAT 7 FOR FULLTEXT)

Bolt Launches the First Teen Wireless Platform

PR Newswire

Tuesday, March 21, 2000 09:16 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 432

TEXT:

...announced the launch of BoltEverywhere(TM), a service that can deliver Bolt's tools and **services** to its more than two million registered members via cell phones, pagers, and other wireless...

...Bolt proprietary messaging applications such as BoltNotes, Bolt Tagbooks, and BoltPolls, in addition to other **personalized content** such as horoscopes that can now be delivered to virtually any wireless device, free of **charge** .

In addition, Bolt has launched a WAP (Wireless Application Protocol)-based service for teens using...

...highly connected demographic-as a group, they are constantly in touch with their peers through **email** , instant messaging, phones, and **paggers** ," said Dan Pelson, Chairman and CEO of Bolt, Inc. "Bolt's members send over 100,000 messages, questions, and responses to each other every single day. With BoltEverywhere(TM) our **users** can now extend their need for hyper-communication from the web to their cell phones...

...Founded in 1996, Bolt, Inc. offers a network of community, content, products, commerce and communication **services** to more than 1.9 million registered members worldwide. Bolt empowers teens by providing the...

...the Internet. The site provides its members (primarily 15-20 year olds) with free communication **services** including notes, e-mail, homepages, audio chat, boards and instant messaging. Marketing partners include AOL ...

16/3,K/11 (Item 11 from file: 613)

DIALOG(R)File 613:PR Newswire

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00270184 20000222HSTU007A (USE FORMAT 7 FOR FULLTEXT)

Net2one.Com Conquering The United States And Europe

PR Newswire

Tuesday, February 22, 2000 09:02 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 269

TEXT:

Net2one.com is the specialist of alerts and the transmission of **personalized information** over the Internet.

This unique service sends **subscribers** any information selected on the electronic medium of their choice free of **charge** : web, webmail, **e-mail** , icq, Palm(TM) **handheld computer** , mobile phones, etc.

...information subscribers want on the medium of their choice, Net2one.com offers innovative tools and **services** on the Internet market which optimize the communication of pertinent news for Net users.

Net2one...

...are a key element in the development of Net2one.com and Net2one.com tailors its **services** to its partners' expectations.

Net2one.com is already a partner to the major Internet players...

16/3,K/12 (Item 12 from file: 613)

DIALOG(R)File 613:PR Newswire

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00257754 20000202DCW015 (USE FORMAT 7 FOR FULLTEXT)

American Mobile And Strategy.Com to Deliver Personalized Information to Elink Customers

PR Newswire

Wednesday, February 2, 2000 10:32 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 814

TEXT:

...Intelligence Network(TM). The agreement enables subscribers to American Mobile's eLink(SM) wireless email **services** to receive timely, personalized alerts on subjects such as finance, weather and news. Strategy.com...

...trades using real time stock performance data. American Mobile's eLink service operates on a **handheld device** and features nationwide wireless **email** over the company's ARDIS(R) network. The service is the first to offer a two-way wireless extension of a **user** 's desktop email

address allowing **users** to receive, read and reply to email instantly using the nation's largest and most...

...by providing instant information exactly when, where and how it is needed. As other customized **channels** and offerings become available, such as favorite sporting team **news**, city-specific **weather**, **personalized** local traffic pattern alerts and beach and boating reports, American Mobile's eLink users will be offered those **services** as well.

"American Mobile provides a strategic communications link for thousands of people," said Michael Saylor, president and CEO of MicroStrategy Incorporated.

"By offering Strategy.com **services** to its customers, American Mobile is embracing the latest in wireless technologies that is changing...

...Mobile sells the Research In Motion 850 Wireless Handheld device for \$359 with a monthly **fee** of \$59.95 for unlimited email or a limited use plan priced at \$24.95...

...E-Business(TM) software. Strategy.com works with a variety of leading companies to deliver **personalized** and timely **information** to individuals via web, wireless and voice. By leveraging Wireless Application Protocol (WAP) technology, Strategy.com subscribers can also access **personalized information** over wireless Internet-enabled phones. The Strategy.com Network is launching a suite of "**channels**," beginning with Strategy.com Finance, and rapidly expanding to include weather, news and other subject areas. Strategy.com allows individuals to "subscribe" to only the programs and **services** that interests them. Strategy.com affiliates include American Mobile, EarthLink, Ameritrade, Metrocall and USATODAY.com...

...and operates an integrated terrestrial/satellite network and provides a wide range of mobile communications **services**, including digital voice dispatch, data communications, dual-mode mobile messaging, position reporting **services** and satellite telephone to all 50 states, Puerto Rico, the U.S. Virgin Islands, and hundreds of miles of U. S. coastal waters. American Mobile **services** are used in the transportation, field service, maritime, emergency management and telemetry markets. The company...

16/3,K/13 (Item 13 from file: 613)
DIALOG(R)File 613:PR Newswire
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00256761 20000201HSTU022 (USE FORMAT 7 FOR FULLTEXT)
Infonautics Releases Upgrade of Company Sleuth
PR Newswire
Tuesday, February 1, 2000 08:45 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 675

TEXT:

Infonautics, Inc. (Nasdaq: INFO), a pioneering provider of personalized information agents and Internet **services**, today announced it has upgraded its Company Sleuth service to include several new features. It...

...Morris, CEO of Infonautics, the Company Sleuth service is a prime example of potential future **services**. "We want to deliver relevant information to our **users** when and where they want it. With this release we're starting to **deliver** information on the **Palm Pilot** platform, and we intend to extend our Infonautics Sleuth **services** to deliver selective information to other appliances of choice such as cell phones, beepers and...

...publicly traded companies. The service searches the Internet and uncovers financial and business news and **information** that is **customized** to users' profiles. With the Company Sleuth service, users receive a daily e-mail report...

...they are officially announced or reported.

About Infonautics

Infonautics, Inc. is a pioneering provider of **personalized information** agents and Internet **services**. The Infonautics Network of web properties includes the award-winning Infonautics Sleuth suite that features the Company Sleuth, Sports Sleuth, Job Sleuth, Fantasy Sports Sleuth, Entertainment Sleuth and Shopping Sleuth **services**. The Infonautics Network also includes Search and Reference Media sites consisting of the Electric Library and Encyclopedia.com **services**. The Electric Library service was the first reference service of its type on the Internet, and is one of the largest paid **subscription** sites on the Web, with more than 85,000 paying subscribers. Infonautics was founded in...

16/3,K/14 (Item 14 from file: 613)
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00250544 20000121MNF010 (USE FORMAT 7 FOR FULLTEXT)

Retail.Com Launches Intelligence Center Internet Service to Support Retail Community

PR Newswire

Friday, January 21, 2000 11:51 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 847

TEXT:

...com(TM) Intelligence
Center helps retailers make informed decisions more quickly by providing all
pertinent, **personalized information** impacting a retailer -- from market
trends, to performance management, to real time monitoring of external...
...Center.

(Photo: <http://www.newscom.com/cgi-bin/prnh/19990809/MNM017a>)
"Available soon on a **subscription** basis through retail.com, the
retail.com
Intelligence Center will save our customers time and...

...Incorporated

MicroStrategy is a leading worldwide provider of Intelligent
E-Business(TM) software and related **services** . MicroStrategy's product
line
enables both proactive and interactive delivery of information from
large-scale **databases** , providing Global 2000 enterprises a platform for
developing solutions that deliver insight and intelligence to their
enterprise, supply-chain and customers.

MicroStrategy's platform enables **users** to query and analyze the most
detailed, transaction-level **databases** , turning data into business
intelligence. In addition to supporting internal enterprise **users** ,
MicroStrategy's platform delivers critical business information beyond
corporate boundaries to **customers** , partners and supply chain
constituencies
through a broad range of pull and push technology such as the Internet,
e - mail , telephones, **paggers** and other **wireless** communications
devices .
MicroStrategy's platform is ideal for developing e-business solutions that
are
personalized and proactive, and that reach millions of **users** .
MicroStrategy
also offers a comprehensive set of consulting, training and support
services
for its **customers** and partners. For more information, visit
MicroStrategy's
Web site: <http://www.microstrategy.com>

About...

...EVENT NAMES: DISTRIBUTION **CHANNELS** ;

16/3,K/15 (Item 15 from file: 613)
DIALOG(R)File 613:PR Newswire
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00228235 19991208NYW042 (USE FORMAT 7 FOR FULLTEXT)
**Receive Up-to-the-Minute College Bowl Sports Scores and Information on Your
Wireless Device for Free**
PR Newswire
Wednesday, December 8, 1999 08:02 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 642

TEXT:

...abreast of all
the football action during the College Bowl Games, smartRay.com(TM), the
consumer website of smartRay Network, today launched a new service that
delivers scores direct to fans' **cellular phones**, pagers or PDAs --
for FREE!
smartRay's new technology will allow **consumers** to receive information on
their
favorite sports teams as well as all of the College...

...immediately receive the news headline, "Baseball-Yankees cut
Chili Davis." SmartRay's technology delivers this **personalized**
information to
users free of **charge**.

Additional smartRay **services**:

A free, lifetime, "mobile email address" (yourname@smartRay.com) is
available to everyone who signs up for smartRay.com **services**. With this
address consumers can send and receive wireless messages to friends and
colleagues using a phone, **pager**, or pda.

smartRay.com users stay informed, on the go, with **channels** including
news,
stock quotes, **weather**, and more, all **customized** to their preferences.

smartRay.com can be used on any cellular device that receives text...

...upgrade is required for smartRay.com's service; the user simply pays
their
normal "connectivity" **charge** to their wireless phone company.

smartRay.com Partners

smartRay.com represents a unique opportunity for...

...the world's first personal mobile portal,
offers an integrated, complementary suite of Internet-based **services** to
the
growing universe of digital mobile phones, "Internet Phones," pagers, and
PDAs. The company...

16/3,K/16 (Item 16 from file: 613)

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00228163 19991208CGW026 (USE FORMAT 7 FOR FULLTEXT)

Amazon.com and Sprint First to Offer Internet Shopping on Wireless Phones
PR Newswire

Wednesday, December 8, 1999 06:00 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,510

TEXT:

...Phones. For the first time ever in the United
States, two-way transactional electronic commerce **services** are now
available
for Sprint PCS and Amazon.com customers to utilize for shopping easily...

...more convenient, Amazon.com Anywhere has expanded the number of wireless features for Sprint PCS **customers** . Starting today, Sprint PCS **customers** can take advantage of Amazon.com's popular Gift-Click and Personal Recommendations features, and can access Best Seller lists. With the Gift-Click feature, Sprint PCS Wireless Web **customers** will be able to buy and send gifts by simply entering the recipient's **e - mail** address on their **wireless phone** . Amazon.com will handle all the details including contacting the recipient to arrange delivery. Other...
...products, compare prices
or check on orders.

Amazon.com Anywhere is a broad expansion of **services** that allows customers to access Earth's Biggest Selection from many wireless devices. Sprint PCS ...
...in late September, offering customers a suite of simple, user-friendly wireless data products and **services** . By using Internet-ready Sprint PCS Phones, customers can now shop, trade stocks online, browse select Internet-based content in real time, receive automatic **personalized news** features, **weather** , stock quotes, and e-mail updates, and connect to the Internet or corporate Intranet by...
...the service for a default rate of \$.39 per minute. There is no extra service **charge** to access an Amazon.com account while on the Sprint PCS Wireless Web. Details are...

...a Web-based address book, calendar, and reminder service. It also operates the Internet Movie **Database** (www.imdb.com), the Web's comprehensive and authoritative source of information on more than...

...at www.drugstore.com ; Pets.com, the online leader for pet products, expert information, and **services** , at www.pets.com ; HomeGrocer.com, the first fully integrated Internet grocery-shopping and home...performance, risks of system interruption, management of potential growth, risks related to auction and zShops **services** , risks related to fraud and Amazon.com Payments, and risks of new business areas, international...

...a global communications company at the forefront of integrating long distance, local and wireless communications **services** and of the world's largest carriers of internet traffic. Sprint built and operates the...

...only nationwide all-digital, fiber optic network and is a leader in advanced data communications **services** . Sprint has \$17 billion

in
annual revenues and serves more than 20 million business and...

...capelli@amazon.com, or Tom Murphy, Director
of Media Relations, office, 816-559-6703, or **pager** , 888-347-1660, or
e-mail,
tmurph01@sprintspectrum.com, or Mary Osako, Manager of Media Relations,
office, 816-559-1337, or **pager** , 888-534-0423, or e-mail
mosako01@sprintspectrum.com, both of Sprint PCS
Web site...

...EVENT NAMES: DISTRIBUTION **CHANNELS** ;

16/3,K/17 (Item 17 from file: 613)
DIALOG(R)File 613:PR Newswire
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00200123 19991022HSF009 (USE FORMAT 7 FOR FULLTEXT)
**Strategy.com Joins the Phone.com Alliance Program to Deliver and Interact
with Mission-Critical Information Through Wireless Devices**
PR Newswire
Friday, October 22, 1999 08:29 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 696

TEXT:
...Program. As a Phone.com Alliance
Program member, Strategy.com can hasten the development of **services** that
will
enable users to access and act on personalized information using only
wireless
devices. Strategy.com joins companies such as AT&T Wireless **Services** ,
Motorola and Nokia to empower users with wireless devices to gain access to
information anytime...

...of ideas and information between Alliance
Program members and companies developing wireless Internet products or
services . Joining the Phone.com Alliance Program enables Strategy.com to
further enhance its ability to...

...access and interact with
information over the Internet through wireless devices. Strategy.com's WAP
services will enable users to immediately access information, such as
sports
scores, portfolio updates and weather...

...time and location.
WAP technology also will enable Strategy.com subscribers to react to their
personalized alerts about investments, **weather** , news, sports and
traffic by
allowing them to trade shares of stock, buy merchandise, and...

...com, Inc. is a leading provider of software that enables the
delivery of Internet-based **services** to mass-market wireless telephones.
Using
its software, wireless subscribers have access to Internet- and corporate
intranet-based **services** , including Email, news, stocks, weather, travel
and

sports. In addition, subscribers have access via their wireless telephones to network operators' intranet-based telephony **services**, which may include over-the-air activation, call management, billing history information, pricing plan **subscription** and voice message management. Phone.com is headquartered in Silicon Valley, California and has regional...

...Personal Intelligence Network(TM). Strategy.com works with a variety of leading companies to deliver **personalized**, timely **information** to **consumers** via **e - mail**, the Internet, telephone and **wireless devices**

Strategy.com affiliates include EarthLink, Ameritrade, Metrocall, USATODAY.com, Washingtonpost.com, and Nasdaq.

MicroStrategy is...

...MicroStrategy's product line enables both proactive and interactive delivery of information from large-scale **databases**, providing Global 2000 enterprises a platform for developing solutions that deliver insight and intelligence to...

...COMPANY NAMES: AT AND T WIRELESS **SERVICES** INC...
...INDUSTRY NAMES: FINANCIAL **SERVICES** ;

16/3,K/18 (Item 18 from file: 613)
DIALOG(R)File 613:PR Newswire
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00198056 19991020DCW009 (USE FORMAT 7 FOR FULLTEXT)
Telstreet.com Partners with Strategy.com to Proactively Deliver Personalized Information to Consumers
PR Newswire
Wednesday, October 20, 1999 08:32 EDT
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 638

TEXT:
...and
will enable Telstreet.com to offer Strategy.com Finance to their customers. As more **channels** become available through Strategy.com, Telstreet.com will also offer them to their customers. Strategy...

...MSTR), a leading worldwide provider of Intelligent E-Business(TM) software.

Strategy.com Finance enables **consumers** to receive personalized alerts about a variety of financial conditions, including market updates, individual portfolio performance, and changes in analyst recommendations. Offering everything from intra-day stock movement alerts via **pager** to weekly portfolio updates **delivered** via email in Microsoft Excel, Strategy.com Finance

guides

users ' investment decisions with information they need -- exactly when, where and how they need it.

...com. "Through our relationship with Strategy.com, Telstreet.com will provide consumers with customizable information **services** , keeping them informed on the issues they care about via their wireless phone."

"We are...

...shopping experience that enables consumers to make a confident choice when purchasing wireless products and **services** . Consumers will find leading brands and the best wireless values on

the Web shipped free...

...Personal Intelligence Network(TM).

Strategy.com works with a variety of leading companies to deliver **personalized** , timely **information** to consumers via the Internet, telephone and

wireless devices. Strategy.com affiliates include EarthLink, Ameritrade...

...MicroStrategy's product line enables both proactive and interactive delivery of information from large-scale **databases** , providing Global 2000 enterprises a platform for developing solutions that deliver insight and intelligence to...

16/3,K/19 (Item 19 from file: 613)

DIALOG(R)File 613:PR Newswire

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00197157 19991019DCTU022 (USE FORMAT 7 FOR FULLTEXT)

Leading Companies Announce Support for MicroStrategy's New Intelligent E-Business Platform(TM) - MicroStrategy 6

PR Newswire

Tuesday, October 19, 1999 08:31 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,173

Informix

"MicroStrategy 6's enhanced functionality combined with the rich functionality of Informix's **database** makes our solution even more compelling," said Charlie Chang, Vice President, Informix Business Intelligence Group...

...Park, NC. MicroStrategy 6

is an intelligence platform for developing solutions on IBM DB2 Universal **Databasee** . We are pleased to feature solutions like MicroStrategy 6 in our

ServerProven program. Our customers...

...should only increase with

the introduction of MicroStrategy 6," said Steve Cranford, the Partner in **charge** of the Knowledge Management Solutions practice at KPMG LLP. "What is

exciting about this launch is MicroStrategy InfoCenter(TM), which will enable clients to develop web-based user **subscription** interfaces to make it easier

for their customers to access information and experience MicroStrategy's...

...also make it much easier for them to reach their supply chain and customers with **personalized** , targeted **information** ."

Lancet

"By integrating MicroStrategy 6 into the Lancet Web Framework, we can now provide companies...

...real data value and exploit the true promise of proactive, intelligent technology. By extending the **channels** of information delivery with MicroStrategy 6, we will allow clients to more effectively reach customers

...
...e-business solutions provider. "MicroStrategy 6 is highly scalable and easily integrated with all major **database** providers. By effectively communicating through any means of transmission, MicroStrategy 6 is a major step...

...Incorporated

MicroStrategy is a leading worldwide provider of Intelligent E-Business(TM) software and related **services** . MicroStrategy's product line enables both proactive and interactive delivery of information from large-scale **databases** , providing Global 2000 enterprises a platform for developing solutions that deliver insight and intelligence to their enterprise, supply-chain, and customers.

MicroStrategy's platform enables **users** to query and analyze the most detailed, transaction-level **databases** , turning data into business intelligence. In addition to supporting internal enterprise **users** , MicroStrategy's platform delivers critical business information beyond corporate boundaries to **customers** , partners and supply chain constituencies through a broad range of pull and push technology such as the Internet, e

mail , telephones, **paggers** and other **wireless** communications **devices** . MicroStrategy's platform is ideal for developing e-business solutions that are personalized and proactive, and that reach millions of **users** . MicroStrategy also offers a comprehensive set of consulting, training and support **services** for its **customers** and partners.

MicroStrategy has over 840 customers across such diverse industries as retail, telecommunications, finance, insurance, healthcare, pharmaceuticals and consumer packaged goods. Representative MicroStrategy customers include American Express Travel **Services** , CVS Pharmacy, Harris Teeter, IMS America, Kmart, MCI WorldCom, Merck-Medco, Nike, NetRadio and Ralston...

16/3,K/20 (Item 20 from file: 613)
DIALOG(R)File 613:PR Newswire
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00170882 19990831DCTU008 (USE FORMAT 7 FOR FULLTEXT)

MicroStrategy to Offer New E-Business Intelligence Classes At MicroStrategy DSS World '99

PR Newswire

Tuesday, August 31, 1999 08:31 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 962

...concepts, principles, and range of technologies necessary to develop a comprehensive e-business intelligence suite.

Subscription Site Design for Broadcast Applications

The key to broadcast success is an appealing, simple, centralized, and low-maintenance **subscription** interface. MicroStrategy allows corporations to

rapidly deploy a centralized web site for consumers to access and

personalize

the **information** they view or receive. This course will provide students with

the necessary skills for how...

...allow users

to receive information, request more information, or even relay information back to a **database** using their phone's touch pad.

Advanced DSS Engine SQL

This course delves into the...

...MicroStrategy Incorporated

MicroStrategy is a leading worldwide provider of e-business intelligence

software and related **services**. MicroStrategy's product line,

MicroStrategy DSS

Suite(TM), enables both proactive and interactive delivery of information from

large-scale **databases**, providing Global 2000 enterprises a platform for developing solutions that deliver insight and intelligence to their enterprise, supply-chain, and customers.

MicroStrategy's platform enables **users** to query and analyze the most detailed, transaction-level **databases**, turning data into business intelligence. In addition to supporting internal enterprise **users**, MicroStrategy's platform delivers critical business information beyond corporate boundaries to **customers**, partners and supply chain constituencies

through a broad range of pull and push technology such as the Internet, e

mail, telephones, **paggers** and other **wireless** communications **devices**. MicroStrategy's platform is ideal for developing e-business solutions that are

personalized and proactive, and that reach millions of **users**.

MicroStrategy

also offers a comprehensive set of consulting, training and support **services**

for its **customers** and partners.

MicroStrategy has over 750 customers across such diverse industries as retail, telecommunications, finance, insurance, healthcare, pharmaceuticals and consumer packaged goods. Representative MicroStrategy customers include American Express Travel **Services**, CVS Pharmacy, Harris Teeter, IMS

America,
Kmart, MCI WorldCom, Merck-Medco, Nike, and Ralston Purina...

...INDUSTRY NAMES: **DATABASES** ; ...

... **DATABASE** SOFTWARE

16/3,K/21 (Item 1 from file: 813)
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1395238 DEM018A
**Visteon Taps Intelligent Information Incorporated to Personalize Its
In-Vehicle Computer Services**

DATE: December 21, 1998 12:13 EST WORD COUNT: 468

**Visteon Taps Intelligent Information Incorporated to Personalize Its
In-Vehicle Computer Services**

... chosen Intelligent Information Incorporated (III) as one of the providers of real-time, personalized information **services** for its soon to be released in-vehicle open architecture computer system.

Visteon plans to...

... of the home and office to the vehicle, delivering e-mail and real-time information **services**.

More specifically, the addition of III's **services** gives drivers personalized access to the content of their choice, including:

News: National, international, business...
...and soap opera updates.

Travel: Route-specific traffic reports, flight information and other travel related **services**.

Personal Reminder and Commerce **Services**

Users of Visteon's in-vehicle computer system will be able to **customize information** to meet their needs. They will interact with the system via Visteon's continuous speech...

...verbal commands to the system.

"Our relationship with Visteon furthers our mission to provide powerful, **personalized information services** to consumers on the go," said Stephen Maloney, President of III. "We are very excited..."

... in 1991 and offers a range of agent-based information products for personal and business **users of wireless devices**. III's **services** are **delivered** to **users** of PCS and cellular telephones, pagers, palmtop computers and other wireless devices in the United States and internationally through wireless service carriers and individual **subscriptions**.

Visteon has 82,000 employees and 120 manufacturing, engineering, sales and technical centers located in...

16/3,K/22 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire

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1215231

LATH011

CNET to Provide Internet Programming to Audio Highway's Listen Up Player Users

DATE: January 22, 1998

09:30 EST

WORD COUNT: 732

... technology industry interviews, all of which are ideally suited for playback via Audio Highway's **personalized news** and entertainment delivery system.

The Listen Up Player is a **hand - held digital device** designed to **deliver personalized audio content** to the mobile market. With the player and an Internet connection, **consumers** can select news and information, music and entertainment, and other content from a variety of ...

... AudioWiz software and begin receiving user-selected audio content directly to their PCs free of **charge** .

Formed in 1994, Audio Highway is a developer of audio-on-demand products focusing on...

... the medium. The company's television programming, which airs on USA Network, the Sci-Fi **Channel** and in national syndication, reaches an estimated weekly audience of more than eight million viewers...

16/3,K/23 (Item 3 from file: 813)

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1146636

LATU023

Audio Highway and Penguin Audiobooks Sign Content Agreement; Audio books will be available for playback on Audio Highway's Listen Up Player

DATE: September 2, 1997

06:01 EDT

WORD COUNT: 635

...audience of our audio books and entering new markets."

The Listen Up Player is a **hand - held , digital device** designed to **deliver personalized audio content** to the mobile market. With the Listen Up Player and an Internet connection, **consumers** can select news and information, music, entertainment, and other audio content from a variety of...

... AudioWiz software and begin receiving user-selected audio content directly to their PCS free of **charge** .

The Listen Up Player will be available in stores nationwide in late September and will...

16/3,K/24 (Item 4 from file: 813)

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1136710

LATH004

Audio Highway Launches Personalized News and Information Service

DATE: August 7, 1997

06:02 EDT

WORD COUNT: 801

...to listen to content they are interested in."

The Listen Up Player is a small, **hand - held**, digital **device** designed to **deliver personalized** audio **content** to the mobile market. With the Listen Up Player and an Internet connection, **consumers** can select news and information, music, entertainment, stock quotes, and other content from a variety...

...software, AudioWiz.

The audio selections available through Audio Highway's Web site are free of **charge**, regardless of whether they are played back on a PC or through a Listen Up...

16/3,K/25 (Item 5 from file: 813)

DIALOG(R)File 813:PR Newswire

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1041129

NYMTH01

PageNet Introduces e-Worx Wireless E-mail Solutions, New Internet Service for Paging Subscribers

DATE: January 9, 1997

10:00 EST

WORD COUNT: 640

, Jan. 9 /PRNewswire/ -- PageNet turns any alphanumeric **pager** into a wireless **e - mail** receiver with e-Worx(SM) wireless e-mail solutions, a new service announced today at the 1997 International Winter **Consumer Electronics Show**. The service is immediately available -- at no additional charge -- to the more than 700,000 PageNet **subscribers** who carry text pagers.

Through e-Worx, PageNet subscribers can forward e-mail messages from their PC to their **pager**. The **pager** displays the **sender's e - mail** address, the subject line of the message, and up to 192 characters of the message...

... PC also can be programmed to forward only urgent messages, or messages from pre-established **senders**, to your **pager**.

Because each PageNet alphanumeric **pager** now has its own Internet e-mail address, PageNet subscribers can also receive Internet messages...

... and broaden," said Cathy S. Pringle, PageNet's vice president of marketing, paging products and **services**. "As the Internet becomes increasingly consumer-oriented, so too will the market for alphanumeric paging...

...e-Worx is the second major value-added service that PageNet has provided -- free of **charge** -- to alphanumeric subscribers in recent months. In September, PageNet and CNN launched an exclusive information...

... the leader in online news and information delivery, uses a dedicated staff of 12 to **deliver** the news to PageNet **paggers** regularly 24 hours per day, seven days per week. It is the most widely used **pager** information service.

"We have a strong commitment to bringing the latest technology and **services** to our customers," said Pringle. "In addition to Internet

messaging through e-Worx, we expect PageNet customers to increasingly use the Internet-to- **pager** connection for their personal information needs. For example, you might log onto a content provider's web site, fill out a user profile, and then have highly **customized information** from that **content** provider sent to your **pager**. PageNet is currently exploring a number of exciting information **services** for our alphanumeric subscribers. Truly, we believe the best is yet to come."

PageNet subscribers...

...in the service may call their local PageNet office for more information.

PageNet (Nasdaq-NNM: **PAGE**) is the world's largest and fastest growing wireless messaging company, providing **services** to 8.4 million subscribers across the United States through 95 sales and service offices...

... a growing number of national and regional marketing affiliates. PageNet provides alphanumeric and numeric messaging **services** with local, regional and nationwide coverage options. CNN news updates, stock quotes, Internet paging and...

CONTACT: Scott Baradell of PageNet, 972-985-6791

(**PAGE**)

16/3,K/26 (Item 6 from file: 813)
DIALOG(R)File 813:PR Newswire
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0878701 DC013
SCORE ONE FOR SPORTS FANS: MCI AND FOX SPORTS KICK OFF FIRST FULL FUNCTION
SPORTS PAGER

DATE: November 2, 1995 12:22 EST WORD COUNT: 718

SCORE ONE FOR SPORTS FANS: MCI AND FOX SPORTS KICK OFF FIRST FULL FUNCTION
SPORTS PAGER

...is on!? MCI and Fox Sports have the solution.
With the new MCI/Fox Sports **pager**, the latest sports news about all your favorite teams is only a beep away.

The MCI/Fox Sports **pager** is the first joint product resulting from the venture between MCI and News Corp. MCI...

...strengths to this new offering. MCI, the nation's fastest-growing provider of residential paging **services**, leverages its expertise in marketing and merchandising and capitalizes on its intelligent network and transactional...

...of sports enthusiasts across the country through its 200 plus television affiliates and other communications **channels** nationwide. Fox will promote the MCI/Fox Sports **pager** through television, print and radio advertising, mentions during pre- and post-game shows, contests and...

...cutting edge telecommunications technology with the most comprehensive sports content available, the MCI/Fox Sports **pager** is a sure hit.

The MCI/Fox Sports **pager** delivers up-to-the-minute sports news and scores for all the big games -- as they happen. The **pager** also functions as a regular alpha numeric **pager**, so, in addition to keeping up with all the latest sporting news, sports fans can...

...president of marketing at MCI. "No more away games, no more 'black-outs,' no more **channel** surfing, now you can stay in touch with every game in every major sport with the MCI/Fox Sports **pager**."

The MCI/Fox Sports **pager** arrives at your door ready to receive sports updates and text messages. A low monthly **fee** of \$34.95 covers use of the **pager**, unlimited **pages** and free sports news updates. Customers can call 1-800-872-5190 to order the MCI/Fox Sports **pager** in time for the holidays.

"At Fox Sports, we pride ourselves on the up-to...

...said Tracy Dolgin, executive vice president of marketing, Fox Sports. "With the MCI/Fox Sports **pager**, sports fans now have the comfort of knowing they'll never miss a big play."

The MCI/Fox Sports **pager** **delivers** scores, highlights, trades, and other sports news in seven different sports categories throughout the day...

...major sporting event is delivered, as it happens, in full text, 24-hours a day. **Customers** may soon choose to "**customize**" their **sports information** by receiving updates for certain sports or for regional games.

MCI, headquartered in Washington, D...
...revenue of more than \$13 billion, MCI offers consumers and businesses a broad portfolio of **services**, including long distance, wireless, local access, paging, outsourcing, Internet software and access, information **services**, business software, and advanced global telecommunications **services**.

Fox Sports is quickly becoming one of the major sources of sports programming for Americans...

16/3,K/27 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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01062194

Amazing DoCoMo: The company's wireless Net phone service is all the rage in Japan--and just might conquer the world

By Irene M. Kunii in Tokyo, with Stephen Baker in Paris
Business Week, Number 3664, Pg 24

January 17, 2000

JOURNAL CODE: BW

SECTION HEADING: Business Week International Editions: Asian Cover Story

ISSN: 0007-7135

WORD COUNT: 2,853

TEXT:

... are always connected--as long as they can receive a signal and their batteries are **charged** . Through this persistent link, subscribers get a full panoply of Web-based goodies: e-mail and chat, games, online horoscopes, calendars, and **customized news** bulletins. All told, i-mode subscribers can navigate among 4,000 specially formatted Web sites...

... s mightiest wireless giant. But for that to happen, DoCoMo must prove that its new **services** and business models have staying power. Right now, i-mode lets users perform all kinds...

... Office Promotion Assn. About 60% of the 2003 tally will be generated by wireless Internet **services** , excluding hardware.

Today's head start could hand Japan a leadership role when the mobile... as much as lunch boxes. What's more, a new technology known as personal communications **services** ('`handyphone'' in Japan) seemed poised to push aside other types of digital cellular systems.

But...

... switched phone networks--there is no need for each user to receive an exclusive radio **channel** . That means many users can access the network at the same time. The packet model...

... Then he set up a billing method whereby DoCoMo would reap a commission for the **services** rendered by this first tier. Other content owners would be encouraged to code their Web **pages** for i-mode as well. But only those belonging to the licensed first tier could...

... 100 million in revenues. That's small potatoes compared with sales of basic cell-phone **services** . But Tachikawa estimates that a user base of 5 million would ... all, Europe and America will also jump to the new 3G protocols. And the new **services** will be much flashier than anything you can do with today's i-mode phones. But Tachikawa insists that DoCoMo will be able to carry its **services** and expertise along to the next generation, without exorbitant costs. All the excitement over DoCoMo...

... Steve Ballmer agreed to set up a joint venture, called Mobimagic, to develop wireless data **services** for the business market in Japan. If the new features and **services** take off in Japan, Tachikawa hopes to transplant them overseas. In November, DoCoMo opened two...

... Calculators and camcorders do not carry with them an entire set of complex, Internet-based **services** , complete with new business models and lush venture-capital funding. All these and more come...

...the phone as a Net link, and real-time videoconferencing.

TODAY

DoCoMo's i-mode **cell phone** service lets subscribers swap **e - mail** and pictures, search phone directories and restaurant guides, and download news, weather, and horoscopes. **Users** connect to the Net at 9.6 kilobits per second--far slower than a PC...

16/3,K/28 (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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01062175

JAPAN'S MOBILE MARVEL: DoCoMo's Net phone service may become a global force

By Irene M. Kunii in Tokyo, with Stephen Baker in Paris

Business Week, Number 3664, Pg 88

January 17, 2000

JOURNAL CODE: BW

SECTION HEADING: Science & Technology: TELECOMMUNICATIONS ISSN:
0007-7135

WORD COUNT: 2,148

TEXT:

... are always connected--as long as they can receive a signal and their batteries are **charged**. Through this persistent link, subscribers get a panoply of Web-based goodies: e-mail and chat, games, horoscopes, calendars, and **customized news**. All told, i-mode subscribers can navigate among 4,000 specially formatted Web sites.

In...

... s mightiest wireless giant. But for that to happen, DoCoMo must prove that its new **services** and business models have staying power. Right now, i-mode lets users perform all kinds...

... Office Promotion Assn. About 60% of the 2003 tally will be generated by wireless Internet **services**, excluding hardware.

Today's head start could hand Japan a leadership role when the mobile... circuit-switched phone networks--there is no need to give each user an exclusive radio **channel**. So more users can access the network at the same time.

The packet model also...

... service rendered off this bar. Other content owners would be encouraged to code their Web **pages** for i-mode as well. But only those belonging to the licensed first tier could...

... Steve Ballmer agreed to set up a joint venture, called Mobimagic, to develop wireless data **services** for Japan. If the **services** take off in Japan, Tachikawa hopes to transplant them overseas. In November, DoCoMo opened two... Calculators and camcorders do not carry with them an entire set of complex, Net-based **services**, complete with new business models and lush venture-capital funding. All these come with the...

...great land grab.

WHY JAPAN IS MAD FOR I-MODE

TODAY

DoCoMo's i-mode **cell phone** service lets **subscribers** swap **e-mail** and pictures, search phone directories and restaurant guides, and download news, weather, and horoscopes. **Users** connect to the Net at 9.6 kilobits per second--far slower than a PC...

16/3,K/29 (Item 3 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

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01059197

WEBHEADS, LEND ME YOUR EARS: Do people want Net info on the phone? Tellme thinks so

By Andy Reinhardt in Palo Alto, Calif.

Business Week, Number 3661, Pg 64

December 27, 1999

JOURNAL CODE: BW

SECTION HEADING: News: Analysis & Commentary: STARTUPS ISSN: 0007-7135

WORD COUNT: 620

TEXT:

... by allowing the world's 1.5 billion telephone users voice access to the same **services** ?

That's the premise behind one of the hottest startups in Silicon Valley, Tellme Networks...

... sports scores, and other data directly off the Net. By dialing a toll-free number, **users** will be able to speak directly to a net ``portal'' and retrieve computer-generated spoken...

... support online shopping, Tellme execs say. And reports can, for instance, be customized so a **consumer** can get a daily portfolio update while driving to work. ``This will become a part...

...lives,'' says Tellme CEO Mike McCue. He figures that most of its content will be **delivered** to people using **wireless phones** . ``The Web used to be about grabbing eyeballs,'' says analyst Mark Plakias of Kelsey Group...

... Benchmark General partner Kevin R. Harvey. The startup will earn money from ads, e-commerce **fees** , and premium **services** such as online calendars. Plakias figures **services** like Tellme could be a \$5 billion industry by 2003. ``It has breakout potential,'' he...

... Back in the mid-1980s, phone companies rushed to roll out 900- and 976-number **services** that let callers get everything from lottery results to psychic consultations over the phone. After...

... the public's appetite for instant info. And unlike audiotex, which required publishers to create **custom content** , Tellme allows them to use what they already have on the Web. What's more...

Set	Items	Description
S1	2067013	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI-S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	20847504	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D-ATA
S3	4029424	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	16148086	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S-SERVICES
S5	12456964	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANSMIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	1512654	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR -COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMINAL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P-DA OR PDAS OR
S7	153119	S1(3N)S2
S8	221157	S5(4N)S6
S9	12981	S7(2S)S3
S10	353	S9(4S)S8
S11	318	S10(4S)S4
S12	5153	S7(S)S3
S13	3929	S12(2S)S4
S14	146	S13(4S)S8
S15	64	S14 NOT PY>2000
S16	29	RD (unique items)
File	9:Business & Industry(R)	Jul/1994-2006/Sep 20
	(c) 2006	The Gale Group
File	275:Gale Group Computer DB(TM)	1983-2006/Sep 20
	(c) 2006	The Gale Group
File	621:Gale Group New Prod. Annou. (R)	1985-2006/Sep 19
	(c) 2006	The Gale Group
File	636:Gale Group Newsletter DB(TM)	1987-2006/Sep 20
	(c) 2006	The Gale Group
File	16:Gale Group PROMT(R)	1990-2006/Sep 20
	(c) 2006	The Gale Group
File	160:Gale Group PROMT(R)	1972-1989
	(c) 1999	The Gale Group
File	148:Gale Group Trade & Industry DB	1976-2006/Sep 21
	(c) 2006	The Gale Group

16/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02155217 Supplier Number: 25681535 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Wireless Web Provides Marketing Opportunity
(Number of subscribers to mobile data services will double vs 1999 to 3.6 mil in 2000)
Brandmarketing, v VII, n 5, p 1+
May 2000
DOCUMENT TYPE: Journal ISSN: 1091-6962 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 810

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...of ordinary but very busy Americans, while Aether Systems, an Owings Mills, Md.-based wireless- **services** company, depicts a group of Generation Y-ers cruising along a beach in a convertible...

...beamed to them from these 200 people, and it doesn't include the people who **e - mailed** us from their **PDAs** looking for brochures and asking questions," said Li-Yuen Yee, interactive marketing manager for Oldsmobile ...

16/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01398522 Supplier Number: 24064990
Inquisit Sets Information Service Relaunch
(Inquisit Inc., formerly Farcast Inc., has revamped its news and information E-mail service for the Web)
InternetWeek, p 27
October 27, 1997
DOCUMENT TYPE: Journal ISSN: 0746-8121 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 84

TEXT:

...what CEO Ridgely Evers calls externally focused, information-driven business professionals, the service lets users **personalize information** they receive from more than 400 content sources using personal agent technology. Inquisit users receive notification by **E - mail**, **pager** or digital **cellular phone** when information matching their filter criteria comes in. They can then retrieve it at the Inquisit Web site. Inquisit **charges** \$12.95 per month for unlimited use. (www.inquisit.com)

16/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01242655 Supplier Number: 23869551
Korea's Happy Telecom To Launch High-Speed Paging Service
(Pagers are hot in south Korea, and Happy Telecom hopes to cash in on this with new high-speed paging service)
Newsbytes News Network, p N/A

April 21, 1997

DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 955

TEXT:

...pagers that allow them to communicate anytime and anywhere. The number of subscribers to paging **services** now totals over 13 million or about 30 percent of the nation's population. Some...

...the domestic paging market is near saturation point. They note that the growth rate of **subscriptions** has recently been visibly slowing down. Other experts, however, say that there still exists much room for growth if paging carriers improve their **services** and tap such potential subscribers as housewives. Song Ki-chool, president of Happy Telecom, a paging startup, is one of the optimists who think improved **services** will be able to further expand the paging market. Happy Telecom is set to introduce...

...in Seoul and the metropolitan area from next month. The service introduced surpasses the existing **services** in terms of speed, capacity, data integrity and battery life, Song said. Happy Telecom's...

...The high speed of Happy Telecom's system enables it to introduce various value-added **services** that the existing carriers cannot provide. "With a speed of 1,200 bps, you can...

...subscribers," Song said. So subscribers to Happy Telecom's high-speed paging service can receive **tailored news services**, such as stock market information, on their **pagers**. "Our system also **delivers** messages more accurately than existing systems as it offers protection from fading conditions, such as...

...to accommodate subscribers. While the low-speed POCSAG system can handle 80,000 users per **channel**, the high-speed Flex system can accommodate up to 350,000. "This means that the...

...service provider save money, enabling increased returns to the customer in the form of better **services**," Song said. Happy Telecom has initially been allocated by the government three **channels** for high-speed paging service and seven **channels** for normal service. Another important advantage of the high-speed system concerns battery life. The new system minimizes the **pager**'s power consumption, thus prolonging its battery life and making it possible for **pager** manufacturers to turn out smaller pagers. "With a POCSAG **pager**, you need a new battery every 15-20 days. But with a Flex **pager**, the battery life is prolonged to 3-4 months," Song said. This is an important...

...pollute, Song noted. The high-speed paging system is also capable of providing such advanced **services** as two-way paging, voice paging and data paging. Two-way paging service allows a **paged** subscriber to notify the person who **paged** him or her of the successful receipt of the call. Voice paging refers to sending voice mail to a subscriber through the **pager**. High-speed pagers can even store data which users can retrieve through a personal computer. These advanced **services**, however, will not be provided by Happy Telecom until domestic equipment manufacturers and terminal makers ...

...before they come up with sophisticated equipment and pagers which enable us to launch such **services**," Song said. Happy Telecom's planned

introduction of high-speed paging service carries some important...

...doing so means losing subscribers to Happy Telecom. So, they plan to introduce high-speed **services** in July. For Happy Telecom, the swift migration of these established carriers means difficulty persuading their customers to convert to its new **services**. So it plans to primarily focus on teenagers and housewives who are still largely left untapped. At the same time, it is working on development of innovative value-added **services**. Secondly, by starting the migration of established carriers to high-speed service, Happy Telecom has helped create a big market for equipment manufacturers as well as **pager** makers. To introduce high-speed service, service providers need to install new systems. At the...

...benefit from the new service. This is a big market opportunity for system manufacturers and **pager** suppliers. "By serving the new domestic market for high-speed paging systems and pagers, these...

...and, based on it, grab export opportunities," Song noted. In fact, a group of nimble **pager** makers have already developed high-speed pagers and are exporting their products abroad. These firms...

16/3,K/4 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
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00992806 Supplier Number: 23560077 (USE FORMAT 7 OR 9 FOR FULLTEXT)

PageMart Joins With CompuServe

(PageMart becomes strategic partner with CompuServe to deliver e-mail and information services to pagers)

Wireless Week, p 5

June 24, 1996

DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 167

TEXT:

PageMart Inc. announced that it has become a strategic partner with CompuServe Corp. to deliver **e - mail** and information **services** to **paggers**.

PageMart will offer wireless **delivery** of CompuServe basic e-mail service as a value-added feature. Users will pay only a \$5 administrative fee to CompuServe to register their **pager** and begin receiving the **e - mail pages**, said a PageMart spokeswoman. She said the service is available now.

For an additional **fee**, subscribers can receive **customized information**, such as stock prices, news bulletins and sports scores.

16/3,K/5 (Item 5 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
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00590132 Supplier Number: 23107161 (USE FORMAT 7 OR 9 FOR FULLTEXT)

AT&T unveils 'Sage' info center at CES

(AT&T Consumer Products demonstrates 2 models of its AT&T TV Information Center product line at Consumer Electronics Show)

Electronic Engineering Times, n 830, p 10

January 09, 1995

DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 892

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...operating officer.

On the service side, Shawmut Bank will provide electronic banking and bill-paying **services** for its customers in the Northeast.

Leveraging software expertise developed at Bell Labs, AT&T...

...defined, additional services, scheduled to be added later in the year -- such as formatting and **delivering e-mail**, fax and **pager** messages -- can easily be downloaded to the TV unit via the phone network without changing...

16/3,K/6 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

02321681 SUPPLIER NUMBER: 55421169

Elegant Palm VII, Tasty BlackBerry Pager.(Hardware Review)(Evaluation)

McCracken, Harry

PC World, 17, 8, 74

August, 1999

DOCUMENT TYPE: Evaluation

ISSN: 0737-8939

LANGUAGE: English

RECORD TYPE: Abstract

...ABSTRACT: communications capabilities in addition to PDA functionality; Research in Motion's BlackBerry is an alphanumeric **pager** that can retrieve **E-mail** and Web data. The \$599 Palm device offers pen input, PIM features, and excellent data...

...Palm.net and cannot handle attachments 3Com has partnered with major Web sites to provide **content tailored** to the Palm's small screen and limited bandwidth. Usage can be expensive because Palm.Net's monthly plans **charge** by the kilobyte The BlackBerry, priced at \$399, blurs the distinction between PDA and **pager**. It works only with Microsoft Exchange E-mail accounts and offers unlimited wireless mail on BellSouth for \$40 per month plus unlimited news, weather and other Web **services** via the third-party GoWeb service for \$10 per month.

16/3,K/7 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

02110913 SUPPLIER NUMBER: 19896914

(USE FORMAT 7 OR 9 FOR FULL TEXT)

New start for news service. (Farcast renamed Inquisit) (Company Business and Marketing)

Kerstetter, Jim

PC Week, v14, n43, p32(1)

Oct 13, 1997

ISSN: 0740-1604

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 500

LINE COUNT: 00041

... secondary to the delivery of news in any way possible--via the World Wide Web, **E - mail** , **pager** or in any way that a customer wants, said Inquisit President and CEO Ridgely Evers...

...a former executive at financial software maker Intuit Inc., is hoping Inquisit will take a **page** from Intuit's business plan. Intuit has traditionally been conservative with new technology. Though eager...

...businesses and consumers that need updated financial software and online bill processing.

Inquisit is a **subscription** -based service that gives customers unlimited access to **personalized news** . There is no software that must be downloaded or installed. It works with most E...

...subscriber, the agents deliver the headline, first paragraph or entire contents of each article. Current **delivery** sources are the Web, **paggers** , **E - mail** and **cellular phones** , but within the next year Inquisit plans to add fax, personal Web **pages** and additional handheld devices to that list.

Inquisit has also partnered with Find/SVP, a...

16/3,K/8 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

01913880 SUPPLIER NUMBER: 18114035 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Newsbytes High-Tech Daily News Feed Free To Web Sites.

Newsbytes, pNEW03200018

March 20, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 507 LINE COUNT: 00044

... IBM, Unix, Government, Telecom, Trends, Business, PC, DOS, Windows, Network, Legal, Health, Education, General, Online, **Broadcast** , **PDA** , and Chips.

Web sites are required to publish the **pages** "as is." These **pages** contain hotlinks back to the Newsbytes US Web site at <http://www.newsbytes.com> and may contain advertising.

Web sites have the option of **customized Top Stories pages** . For a small processing **fee** of \$100/year, Newsbytes will automate the placement of a site's customized "header" and "footer" on the **pages** in order to match a particular Web site's style.

The Newsbytes US Web site...

16/3,K/9 (Item 1 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2006 The Gale Group. All rts. reserv.

02740860 Supplier Number: 67458934 (USE FORMAT 7 FOR FULLTEXT)

u-Blox Licenses Parthus Global Positioning System (GPS) Technology for Deployment in Next Generation Mobile Internet Devices.

PR Newswire, pNA

Nov 23, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1297

... commercial opportunities to wireless operators through "location-based m-Commerce." Operators can sell many unique **services** including real-time driving directions, traffic **information** and **personalized** concierge **services**, such as locating nearby restaurants, stores, ATMs and places of interest. As GPS becomes more...

...and mobile phones new uses will be possible such as automated road tolling and parking **fees** based on location, and asset protection -- if a car or phone is stolen, it will...

...NavStream technology is a complete GPS Platform incorporating radio, baseband and software stacks for both **mobile phone** and automotive markets. NavStream **delivers** unrivalled location accuracy (locates users to under five meters within the five second E911 guideline...

16/3,K/10 (Item 2 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

02682287 Supplier Number: 66097303 (USE FORMAT 7 FOR FULLTEXT)
TrafficStation to be Exclusive Provider of Personalized Traffic Information to Top Online Automotive Portal, TheCarConnection.com.
Business Wire, p0072
Oct 16, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 586

... to view traffic updates online in their Metro areas and also have access to subscription **services** and **personalized** traffic **information** that can be **delivered** via the Web or **mobile wireless devices**.

"Providing personalized traffic content to the authoritative go-to site for the latest innovations and...

...the targeted audience of TheCarConnection.com. More importantly, they can get route-specific, on-demand **services** while they are on the move from their wireless devices as well."

Through this partnership, TrafficStation **services** will be delivered as part of the online information provided by TheCarConnection.com. This agreement...

16/3,K/11 (Item 3 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

02669338 Supplier Number: 65725336 (USE FORMAT 7 FOR FULLTEXT)
Indicast Becomes First Voice Portal to Sign Wireless Carrier.
PR Newswire, pNA
Oct 4, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 607

Its Subscribers Personalized Audio Internet **Services**
CARLSBAD, Calif., Oct. 4 /PRNewswire/ --

Indicast Inc., one of the leading providers of **personalized** audio Internet **content**, today announced a partnership with wireless service provider, Centennial Communications Corp. -- making Indicast the first

voice portal to announce audio Internet **services** to a wireless carrier. In turn, Centennial Communications becomes the first wireless carrier in the U.S. to offer its subscribers mobile access to **personalized** audio Web **content**, powered by Indicast. Centennial Communications, one of the largest independent wireless service providers in the...

...S., plans to offer its subscribers the audio news, information and entertainment service as a **subscription** -based service starting in November 2000.

"Indicast's voice portal **services** allow users to stay mobile while still having access to the information they need, wherever...

...said Bob Osias, president/chief executive officer, Indicast. "Centennial subscribers can now hear their 'individual **broadcast**' over their **wireless phones**, and receive the information the way people are used to interacting with the phone -- by...

16/3,K/12 (Item 4 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

02556777 Supplier Number: 63034289 (USE FORMAT 7 FOR FULLTEXT)
New Web Technology Wires Consumers 24/7 Without Sitting at Computer.
PR Newswire, pNA
June 29, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 672

... of Belo-owned newspapers and television stations and register to receive alerts via pager, telephone, **mobile phone**, facsimile or **email**.

"While Belo delivers the information consumers want and care about most -- local and regional news...

...com's personal intelligence network(TM) allows users to view and receive, free of charge, **personalized information** such as **weather**, sports, news and finance. For example, a consumer may receive an alert that a stock...

16/3,K/13 (Item 5 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2006 The Gale Group. All rts. reserv.

02554788 Supplier Number: 63011683 (USE FORMAT 7 FOR FULLTEXT)
i3 Mobile to Power InfoBeat Wireless Information Services.
PR Newswire, p9197
June 28, 2000
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 839

... newspaper with 3 million subscribers, today announced that i3 Mobile will be extending InfoBeat's **email** based services to **wireless phones**, pagers and PDAs.

This offering is the first result of i3 Mobile's relationship with...

...is an important part of our strategy, and working with i3 Mobile to

enable our **services** wirelessly is a major step forward for us," said Mark Wachen, CEO of Indimi and...

...leveraging i3 Mobile's expertise and innovation in the field of wireless content and commerce **services** ."

About InfoBeat

InfoBeat delivers free, personalized news straight to its 3 million subscribers' email inboxes...

16/3,K/14 (Item 6 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02300651 Supplier Number: 59108335 (USE FORMAT 7 FOR FULLTEXT)

Infonautics Releases Upgrade of Company Sleuth.

PR Newswire, p9063

Feb 1, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 703

... our users when and where they want it. With this release we're starting to **deliver** information on the **Palm Pilot** platform, and we intend to extend our Infonautics Sleuth services to deliver selective information to...

...they are officially announced or reported.

About Infonautics

Infonautics, Inc. is a pioneering provider of **personalized information** agents and Internet **services** . The Infonautics Network of web properties includes the award-winning Infonautics Sleuth suite that features the Company Sleuth, Sports Sleuth, Job Sleuth, Fantasy Sports Sleuth, Entertainment Sleuth and Shopping Sleuth **services** . The Infonautics Network also includes Search and Reference Media sites consisting of the Electric Library and Encyclopedia.com **services** . The Electric Library service was the first reference service of its type on the Internet, and is one of the largest paid **subscription** sites on the Web, with more than 85,000 paying subscribers. Infonautics was founded in...

16/3,K/15 (Item 7 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2006 The Gale Group. All rts. reserv.

02273668 Supplier Number: 58487898 (USE FORMAT 7 FOR FULLTEXT)

(2) Optio Software and Syntax.net Reseller Partnership Offers a Robust

Solution to Produce and Deliver Customized Documents To Support

E-Business and Extend the Reach of the Global Enterprise.

Business Wire, p1345

Dec 20, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 786

... Internet search techniques. Users are alerted to the publication of new or updated information with **subscription** -based notifications that arrive via **e - mail** , **pager** , fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill

presentment and self...

...applications.

OptioDesignStudio(TM) - Windows based software that allows users to map, create, model from applications, **databases** and files, and create business rules and conditional logic to automate processing of the information...

16/3,K/16 (Item 8 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02265187 Supplier Number: 58327291 (USE FORMAT 7 FOR FULLTEXT)

Optio Software and Syntax.net Reseller Partnership Offers a Robust Solution to Produce and Deliver Customized Documents To Support E-Business and Extend the Reach of the Global Enterprise.

Business Wire, p1153

Dec 21, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 794

... Internet search techniques. Users are alerted to the publication of new or updated information with **subscription** -based notifications that arrive via **e - mail** , **pager** , fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill presentment and self...

...applications.

OptioDesignStudio(TM) - Windows based software that allows users to map, create, model from applications, **databases** and files, and create business rules and conditional logic to automate processing of the information...

...to customize and deliver information to a global network of digital destinations, including the Internet, **e - mail** , printers, faxes and **wireless devices** . Optio's software takes real-time information from enterprise applications, external databases and files, customizes...

16/3,K/17 (Item 9 from file: 621)

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

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02263503 Supplier Number: 58304743 (USE FORMAT 7 FOR FULLTEXT)

Optio Software Corrects and Replaces Previous Announcement, BW1462, GA-OPTIO-SOFTWARE, which ran Monday Dec. 20.

Business Wire, p1531

Dec 20, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 810

... Internet search techniques. Users are alerted to the publication of new or updated information with **subscription** -based notifications that arrive via **e - mail** , **pager** , fax or printer. e.ComPresent facilitates the delivery of **customized information** to support e-business initiatives like report distribution, information portals, online bill

presentment and self...

...applications.

OptioDesignStudio(TM) - Windows based software that allows users to map, create, model from applications, **databases** and files, and create business rules and conditional logic to automate processing of the information...

16/3,K/18 (Item 10 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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02118680 Supplier Number: 55153494 (USE FORMAT 7 FOR FULLTEXT)
Visionary Software Launches Advanced Opt-In Content Publishing and Delivery System.

Business Wire, p1307
July 14, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 421

... version 2.0 of Informz (www.Informz.com). Informz is a full-service, opt-in **subscription** package and content-delivery vehicle suited to handle the needs of mailing list **services**, content providers, e-commerce sites, e-marketing groups, or any Internet service wanting to push **personalized content** to interested parties in an effective and attractive format.

Informz provides the vehicle to create...

...subscriber's desktop via HTML email or text email, or to any location via alphanumeric **pager**, digital cellular phone or fax. Informz integrates into a company's web site and can...

...WeatherNet4 service allows subscribers to receive National Weather Service warnings, advisories, watches, and forecasts via **pager** and **email**.

"The growth of online marketing and content delivery has been tremendous in the last three...

...Tyler, President of Visionary Software Solutions. "Informz provides a new frontier for Internet Advertising Targeted **Push** to fax, **email** and **wireless devices**. Informz provides a new venue for brand promotion and recognition. Informz provides mass customization of...

16/3,K/19 (Item 11 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01625071 Supplier Number: 48370141 (USE FORMAT 7 FOR FULLTEXT)
MicroStrategy Introduces DSS Broadcaster - The Industry's First Information Broadcast Server.

Business Wire, p3231185
March 23, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1907

... find the answers to their most pressing questions. By accelerating the flow of information through **paggers**, faxes, **mobile phones**, and **e**

- **mail** , DSS **Broadcaster** will enable data providers to increase the market for their information.

"DSS Broadcaster is the...

16/3,K/20 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04162134 Supplier Number: 54538608 (USE FORMAT 7 FOR FULLTEXT)

NOTEBOOKS.

Consumer Electronics, v39, n18, pNA

May 3, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3352

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Geoworks, taking \$1.8 million **charge** as it dropped operating systems business that helped launch company and cut work force, reported...

...15/97 p19). In replacing OS business, Geoworks will focus on wireless information and consulting **services** , Pres. David Grannan said. It recently received \$5 million equity investment from Amazon.com and...

...supported by ads and e-commerce transactions and free to users, he said. "This will **deliver** Internet content to **wireless devices** that is targeted, pinpoint information that is what people need, when they need," Grannan said. Service, also planned for U.K., isn't designed for Web surfing, but for delivering **customized content** , he said. DVD Video Group has redesigned its Web site (www.dvdvideogroup.com). Look has...

...ago, on 20% gain in revenues (see financial table). USSB took \$5.7 million in **charges** related to pending merger with Hughes Electronics' DirecTV. It added 164,000 subscribers to end...

...Exec. Vp Robert Hubbard signed 4-year noncompete agreements and will receive \$100,000 annual **fee** to serve on DirecTV advisory board. DirecTV also agreed to carry 2 **channels** of DBS programming that are to be developed by Hubbard Bcstg. in next 7 years. DirecTV also will continue distribution of USSB's All News **Channel** for 7 years, proxy said, paying \$2 million first year, increasing to \$5 million in 5th. DirecTV will pay **subscription fee** last 2 years. Hubbard Bcstg. has right to buy back USSB name after 3 years...recently in Orlando attracted attendees from 39 states and 31 countries, event producer Assn. Expositions & **Services** said. Next year's show will be held with International Security Conference & Expo (ISC EXPO...

...drives with 14- and 30-hour recording capacities and access to both TiVo and DirecTV **services** ... EchoStar last week revamped Digital Sky Highway (DISH) promotions to offer satellite system free after \$298 rebate with purchase of one-year programming **subscription** at \$56.98 monthly. Also available is \$199 rebate with \$48.98 monthly **charge** , \$100 and \$39.98. EchoStar launched promotional war last fall in offering to reimburse consumer purchase of \$249 I.D. with one-year commitment to pay \$49.89 monthly programming **fee** (TVD Oct 5 p16). Mattel is moving to sharply restrict long-term incentive bonuses, it...

...4% to \$374.9 million (see financial table). For 9 months, with \$66.4

million **charge** factored in on restructuring of Harman Consumer Group, company posted \$9.25 million loss vs...111 million from \$96.1 million. Income was up despite Rayovac's taking \$700,000 **charge** to cover both revamp of Fennimore facility and close of Appleton, Wis., plant that produced...

...Free PC is being offered to consumers by intersquid.com in exchange for 30-month **subscription** to its Internet service at monthly **charge** of \$29.99. Consumers can sign up by calling toll-free number 877-PC4-FREE...

16/3,K/21 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2006 The Gale Group. All rts. reserv.

04079504 Supplier Number: 53647938 (USE FORMAT 7 FOR FULLTEXT)

DATALINK OFFERS FREE INFOSAMPLER SERVICE.

Telephone IP News, v10, n2, pNA

Feb, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 588

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Datalink Systems Corporation, (OTC Bulletin Board:NETD), providing a blend of Internet-based wireless information **services**, has introduced its free, 45-day sampler of premium financial, sports, news, weather and lifestyle **services** to any wireless device. The free InfoSampler service is a selection from DataLink's real...

...winning lotto numbers, horoscopes and even the top 10 weekly video rentals. All information is **delivered** to a **pager** or PCS mobile phone. Subscribers use DataLink's Internet site to setup and customize both...

...it own patented, intelligent agent, Web-to-Wireless technology, to monitor and filter numerous electronic **feeds** for the information the subscriber wants. DataLink then transmits the information to the subscriber's PCS phone or alphanumeric **pager** through their existing service provider in real-time. Free trial **subscriptions** are available to customers of virtually any wireless company in the U.S. and Canada...

...s web site, www.datalink.net. The service will also be distributed through DataLink's **channel** partners, such as SkyTel Communications of Jackson, Mississippi, and through its new retail reseller program...

...alerts, world news headlines and stories, real-time sports coverage and a range of other **services** in no time. "Serious stock investors want to know if their investments are rising, falling...

...listen to the radio or surf the Internet to find it," LaPine said. DataLink delivers **personalized news**, local **weather** and even the daily horoscope and winning lottery numbers directly to a subscriber's alphanumeric **pager** or PCS phone. "This is not an 'information dump.' Our customers know what information they...

...LaPine said. DataLink also provides a free wireless messaging service. Anyone with Internet access can **send** messages to **pager** and PCS phone consumers who are registered MessageX subscribers. Phone and **pager** users register at www.messageX.com. DataLink will be offering the free MessageX

service to...

...packages for re-sale, which involves tailoring DataLink's current service offering and developing new **services** based on a partner's unique content. Where the Web Meets Wireless DataLink Systems Corporation uses patented Intelligent Agent Technology to link **personalized content** to wireless communications devices, such as pagers, PCS phones and PDAs. By integrating wireless with...

...a new product platform that combines the World Wide Web, content, and wireless into information **services** for the next millenium. The company has set new standards for delivery of real-time information to mobile people by incorporating premium data **feeds** with financial, news and lifestyle Web sites. DataLink was recently rated the number one choice for wireless financial information **services** by SmartMoney magazine. DataLink, based in Silicon Valley, is found on the Web at http...

16/3,K/22 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03898258 Supplier Number: 50064340 (USE FORMAT 7 FOR FULLTEXT)

-LUCENT TECHNOLOGIES: Spyglass & Lucent help wireless carriers market

Internet information services

M2 Presswire, pN/A

June 9, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 870

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

M2 PRESSWIRE-9 June 1998-LUCENT TECHNOLOGIES: Spyglass & Lucent help wireless carriers market Internet information **services** (C)1994-98 M2 COMMUNICATIONS LTD RDATE:080698 Lucent Technologies today announced that Spyglass and...

...help carriers better manage records for billing and customer care, or others which enable new **services** that stimulate usage. Spyglass and Unwired Planet make possible new wireless Internet-based **services**. Others in the alliance program offer location-sensitive **services** for **customized information** delivery and emergency and law enforcement -mandated **services** like Enhanced 911. All applications marketed through Cooperative Innovations are tested for compatibility with Lucent...

...and Unwired Planet each have unique capabilities for helping carriers provide wireless Internet-based information **services** that will attract and keep customers in today's competitive marketplace," commented Ed Coleman, Lucent...

...benefits of choice in selecting how to implement the particular 'look and feel' of these **services**. Most off all, carriers have the peace of mind that the applications have been shown...

...independent open software platform that turns any mobile handset into a smartphone. UP's products **deliver** interactive applications to **wireless handsets**, by overcoming the constraints and optimizing the performance and user interface of small devices and...

...networks. UP.Link Server Suite enables network operators to quickly roll out new features and **services**, giving wireless phone users live access to their own Email, Personal Organizer, and WWW information...

...secure, interactive applications, such as Over-The-Air-Activation, Electronic Customer Care, On-screen Feature **Subscription** /Status/Control, and Unified Messaging. Carriers can improve customer satisfaction and reduce operational costs, without...

...http://www.lucent.com. About Spyglass Inc. Spyglass (NASDAQ: SPYG) provides Internet expertise, software and **services** for making devices work with the Web. Particularly active in the cable and satellite television...

...open software platform provides secure, vendor-independent solutions for deploying innovative and cost-effective enhanced **services** that increase revenues through leading edge functionality and superior customer care. The UP.Link Platform...

...1996, offers interactive live access to a full WAP-compatible suite of value added telephony **services** and Web-based applications, including Email and Personal Organizer. UP is a founding member of...

16/3,K/23 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03053788 Supplier Number: 46237833 (USE FORMAT 7 FOR FULLTEXT)

Newsbytes High-Tech Daily News Feed Free To Web Sites 03/20/96

Newsbytes, pN/A

March 20, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 491

... IBM, Unix, Government, Telecom, Trends, Business, PC, DOS, Windows, Network, Legal, Health, Education, General, Online, **Broadcast**, **PDA**, and Chips.

Web sites are required to publish the **pages** "as is." These **pages** contain hotlinks back to the Newsbytes US Web site at <http://www.newsbytes.com> and may contain advertising.

Web sites have the option of **customized** Top **Stories** **pages**. For a small processing **fee** of \$100/year, Newsbytes will automate the placement of a site's customized "header" and "footer" on the **pages** in order to match a particular Web site's style.

The Newsbytes US Web site...

16/3,K/24 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07611154 Supplier Number: 61500437 (USE FORMAT 7 FOR FULLTEXT)

And finallyE here is the news; As UK the Internet population grows, Robert Venes looks at the affects on the online news services of TVOs big two, the BBC and ITN.

New Media Age, p12(2)

May 27, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade
Word Count: 2408

... Naturally, the BBC is at the forefront of online news, managing in excess of 40m **page** views for much of 1999 E with April0s figures seeing a similar jump to those...

...49.5m. While it is tempting to see this as a triumph for online news **services**, Bob Eggington, project director of BBC News Online, adds a word of caution: OI think...

...every three months.

A fundamental factor for Eggington has been the liberty that the licence **fee** affords. OWeOre funded largely out of the licence **fee**, O he says, Owhich makes a tremendous difference as you donOt have to worry about ...

...of our real estate to give up to ads onscreen.O The money from licence **fees** is also expected to allow for a number of changes to BBC **News** Online, including **customised** email alerts, more incorporation of regional news content, more intuitive and intelligent search facilities on...

...year, as well as the corporation looking into further interaction through digital interactive TV and **delivery** to **wireless devices** such as mobile phones and PDAs. OThat will definitely happen for all of us in the news provision market,O says Eggington of the oncoming convergence of distribution **channels**. OItOs inevitable. It is available now, to some extent, but is mostly confined to early...

16/3,K/25 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06421830 Supplier Number: 54933637 (USE FORMAT 7 FOR FULLTEXT)
Inquisit Not Buried Yet As Loyal Customers Fight To Save The Service.
Electronic Information Report, v20, n23, pNA
June 18, 1999
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 418

... saying they would have paid three or four times as much for the service." Inquisit **charged** its fewer than 3,000 subscribers \$12.95 per month for **personalized news delivered** via **e - mail**, **pager** or **cell phone**.

Opfer said he and two other employees stayed on even after they were laid off...

16/3,K/26 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06060799 Supplier Number: 55660825 (USE FORMAT 7 FOR FULLTEXT)
QUICK ALERTS.(software from Diffusion Inc.)(Brief Article)
Industry Week, v247, n18, p12
Oct 5, 1998
Language: English Record Type: Fulltext
Article Type: Brief Article

Document Type: Magazine/Journal; Trade
Word Count: 120

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Inc., Mountain View, Calif. (www.diffusion.com). Operating without separate client software, the system performs **subscription** -based event notification and document delivery for organizations that quickly must notify customers, sales- **channel** partners, or remote employees of events requiring immediate action such as financial transactions, fraudulent events...

...a potential information recipient visits the company's secure extranet Web site and selects a **personalized** set of **information** he or she is cleared to see. Deliveries are made when applicable via the user's choice of media including **e - mail** , fax, **pager** , **cellular phone** , Web, printer, or postal **delivery** .

16/3,K/27 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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05284018 Supplier Number: 48047857 (USE FORMAT 7 FOR FULLTEXT)

New Start for News Service

Kerstetter, Jim

PC Week, p032

Oct 13, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; General Trade

Word Count: 468

... secondary to the delivery of news in any way possible--via the World Wide Web, **E - mail** , **pager** or in any way that a customer wants, said Inquisit President and CEO Ridgely Evers...

...a former executive at financial software maker Intuit Inc., is hoping Inquisit will take a **page** from Intuit's business plan. Intuit has traditionally been conservative with new technology. Though eager...

...businesses and consumers that need updated financial software and online bill processing.

Inquisit is a **subscription** -based service that gives customers unlimited access to **personalized news** . There is no software that must be downloaded or installed. It works with most E...

...subscriber, the agents deliver the headline, first paragraph or entire contents of each article. Current **delivery** sources are the Web, **paggers** , **E - mail** and **cellular phones** , but within the next year Inquisit plans to add fax, personal Web **pages** and additional handheld devices to that list.

Inquisit has also partnered with Find/SVP, a...

16/3,K/28 (Item 5 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)
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04551906 Supplier Number: 46690270 (USE FORMAT 7 FOR FULLTEXT)

US Order Introduces Revolutionary Internet-Based Service to Smart Telephone

Users in All 50 States for \$7.95 a Month

PR Newswire, p906NYF027

Sept 6, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1166

... United States by the year 2000. Our mission is to deliver simple information and communication **services**, to these 30 million customers," Backus said.

The SmartTime Internet Service unveiled today includes an array of popular communication and information **services**. They are: unlimited E-mail delivery over the Internet; **sending** text messages to alphanumeric **paggers** directly from a phone keyboard; electronic directory assistance for phone numbers and addresses of almost...

...results and daily horoscopes.

"SmartTime Network's goal is to extend the delivery of instantaneous **personalized information** beyond the desktop, to a variety of telephones, pagers and other small-screen devices at a flat, all-you-can-use, \$7.95 per month. We do not plan to **charge** consumers for online connection time, nor do we plan to impose any per use **fees** for our applications. Our **services** harness the power of the Internet while making its presence invisible to the consumer. A SmartTime Internet **Services** customer who receives a stock quote, weather report, sports score, or sends E-mail, will not even know they are working with the Internet. Instead, using these **services** will be as easy as using the telephone," said Backus.

The SmartTime Internet Service will...

...and Telesmart smart telephones. Active licensing discussions are also currently underway with other smart telephone, **pager** and personal communicator manufacturers, paging companies and telephone companies.

The power behind SmartTime Network is...

...different languages. Initial communication languages supported with today's release include the Bellcore Analog Display **Services** Interface (ADSI) and the US Order Simple Network Application Protocol (SNAP). By supporting the ADSI...

16/3,K/29 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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11236607 SUPPLIER NUMBER: 55234283 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Tightwad tech.(free computers and other new deals)(Brief Article)

Thomas, Susan Gregory

U.S. News & World Report, 127, 4, 52

July 26, 1999

DOCUMENT TYPE: Brief Article ISSN: 0041-5537 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1562 LINE COUNT: 00123

... is all you can eat. Unlike the Palm VII, which forces you to use its **E - mail** address, **BlackBerry** is designed

Set	Items	Description
S1	599399	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI-S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	15897789	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W) D-ATA
S3	4463284	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	7411193	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S-SERVICES
S5	7633035	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANSMIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	452213	(HAND())HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMINAL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P-DA OR PDAS OR
S7	4547595	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	15370	S1(3N)S2
S9	29211	S5(4N)S6
S10	608	S8(S)S3
S11	4584	S9(S)S7
S12	11	S10(4S)S11
S13	16	S10 AND S11
S14	16	S13 AND S4
S15	205	S8(4S)S9
S16	53	S15(4S)S3
S17	48	S16 AND S4
S18	45	S17 AND S7
S19	46	S13 OR S18
S20	31	S19 NOT PY>2000
S21	31	RD (unique items)
File	47:	Gale Group Magazine DB(TM) 1959-2006/Sep 20 (c) 2006 The Gale group
File	570:	Gale Group MARS(R) 1984-2006/Sep 20 (c) 2006 The Gale Group
File	635:	Business Dateline(R) 1985-2006/Sep 20 (c) 2006 ProQuest Info&Learning
File	476:	Financial Times Fulltext 1982-2006/Sep 22 (c) 2006 Financial Times Ltd
File	477:	Irish Times 1999-2006/Sep 21 (c) 2006 Irish Times
File	710:	Times/Sun.Times(London) Jun 1988-2006/Sep 21 (c) 2006 Times Newspapers
File	711:	Independent(London) Sep 1988-2006/Sep 21 (c) 2006 Newspaper Publ. PLC
File	756:	Daily/Sunday Telegraph 2000-2006/Sep 21 (c) 2006 Telegraph Group
File	757:	Mirror Publications/Independent Newspapers 2000-2006/Sep 21 (c) 2006
File	387:	The Denver Post 1994-2006/Sep 20 (c) 2006 Denver Post
File	471:	New York Times Fulltext 1980-2006/Sep 21 (c) 2006 The New York Times
File	492:	Arizona Repub/Phoenix Gaz 19862002/Jan 06 (c) 2002 Phoenix Newspapers
File	494:	St LouisPost-Dispatch 1988-2006/Sep 20 (c) 2006 St Louis Post-Dispatch
File	631:	Boston Globe 1980-2006/Sep 20 (c) 2006 Boston Globe

File 633:Phil.Inquirer 1983-2006/Sep 20
(c) 2006 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2006/Sep 19
(c) 2006 Newsday Inc.
File 640:San Francisco Chronicle 1988-2006/Sep 21
(c) 2006 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2006/Sep 21
(c) 2006 Scripps Howard News
File 702:Miami Herald 1983-2006/Sep 19
(c) 2006 The Miami Herald Publishing Co.
File 703:USA Today 1989-2006/Sep 20
(c) 2006 USA Today
File 704:(Portland)The Oregonian 1989-2006/Sep 16
(c) 2006 The Oregonian
File 713:Atlanta J/Const. 1989-2006/Sep 21
(c) 2006 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2006/Sep 20
(c) 2006 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2006/Sep 21
(c) 2006 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2006/Sep 20
(c) 2006 The Plain Dealer
File 735:St. Petersburg Times 1989- 2006/Sep 20
(c) 2006 St. Petersburg Times

21/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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05913023 SUPPLIER NUMBER: 65805716 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Internet Clipping Services .(Evaluation)(Brief Article)
Goldsborough, Reid
Consumers' Research Magazine, 83, 8, 32
August, 2000
DOCUMENT TYPE: Brief Article ISSN: 0095-2222 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 768 LINE COUNT: 00065

Internet Clipping Services .(Evaluation)(Brief Article)

... Heralded five years ago as a paradigm-shifting replacement of Web surfing, PointCast and other **services** that pushed information to your PC over the Internet without your active involvement never caught...

...as a result of crude customization and overloaded networks.

The best of today's clipping **services** have learned from each of these attempts. The PC, not the TV, is the information machine of choice. The cost for basic **services** should be free, with earnings coming from premium **services** and advertising. And the best delivery mechanism is e-mail combined with the Web.

These...

...accepted. A lot of money is being invested in handheld information-delivery systems. Higher-priced **services** such as Dialog and Lexis-Nexis still have their place. And Web portals let you...

...that you'll surf there and stick around.

Yet free, PC-based, e-mail driven **services** offer value and convenience that are hard to beat. For some time now a number of forward-thinking publications have e-mailed **subscribers** a list of articles and summaries with links you can click to read the entire article at the publication's Web site. With the newest **services**, you can mix and match the information you want even more finely.

Sleuth Center, at...

...e-mails you relevant headlines from newspaper and magazine articles. The company is working on **delivery** to Palm **handheld computers**, **cell phones**, and pagers.

With Individual.com, at www.individual.com, you can specify any of 1 ...

...in. You can also search through the past five days' worth of news. Its **Headline Feed** program lets you automatically place headlines about relevant topics, updated every business morning, on your...

...northernlight.com, lets you track subjects of your choice and alerts you when new Web **pages**, newspaper or magazine articles, or broadcast transcripts appear about them. Reading some of the articles and transcripts carries a **fee**, though you can specify that you wish to receive alerts only about new Web **pages** that are free.

Spyonit, at www.spyonit.com, notifies you when new Web **pages** appear containing keywords of your choice. You can even track your own name. Along with e-mail, you can have the service alert you via instant messaging programs and **e-mail** compatible **pagers**.

Appealing more directly to a **user**'s vanity, EgoSurf, at www.egosurf.com, can also automatically search for your name, or...

...the Web, though the basic service works for only a week at a time.

Clipping **services** such as these can help you tame the information monster. Each uses a type of...

...to filter the wheat from the chaff. Critics contend, however, that relying too much on **personalized news** may not be so intelligent after all. Sometimes you don't know what you need...

...DESCRIPTORS: **Services** ; ...

... **Services**

21/3,K/2 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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05431200 SUPPLIER NUMBER: 55660825 (USE FORMAT 7 OR 9 FOR FULL TEXT)

QUICK ALERTS.(software from Diffusion Inc.)(Brief Article)

Industry Week, 247, 18, 12

Oct 5, 1998

DOCUMENT TYPE: Brief Article ISSN: 0039-0895 LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 131 LINE COUNT: 00015

TEXT:

Deliver event alerts and important document updates to **customers** with Diffusion Server Release 3.0, a **customer** -relationship management system from Diffusion Inc., Mountain View, Calif. (www.diffusion.com). Operating without separate **client** software, the system performs **subscription** -based event notification and document delivery for organizations that quickly must notify **customers** , sales- **channel** partners, or remote employees of events requiring immediate action such as financial transactions, fraudulent events...

...a potential information recipient visits the company's secure extranet Web site and selects a **personalized** set of **information** he or she is cleared to see. Deliveries are made when applicable via the **user** 's choice of media including **e - mail** , fax, **pager** , **cellular phone** , Web, printer, or postal **delivery** .

21/3,K/3 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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05417653 SUPPLIER NUMBER: 55421169 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Elegant Palm VII, Tasty BlackBerry Pager .(Hardware Review)(Evaluation)

McCracken, Harry

PC World, 17, 8, 74

August, 1999

DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 949 LINE COUNT: 00074

Elegant Palm VII, Tasty BlackBerry Pager .(Hardware Review)(Evaluation)

...ABSTRACT: communications capabilities in addition to PDA functionality; Research in Motion's BlackBerry is an alphanumeric **pager** that can retrieve **E - mail** and Web data. The \$599 Palm device offers pen input, PIM features, and excellent data synchronization plus a radio modem. **Users**

must sign up for 3Com's Palm.Net Internet service. The iMessenger **client** downloads messages in 500-character chunks, works only with Palm.net and cannot handle attachments 3Com has partnered with major Web sites to provide **content tailored** to the Palm's small screen and limited bandwidth. Usage can be expensive because Palm.Net's monthly plans **charge** by the kilobyte The BlackBerry, priced at \$399, blurs the distinction between PDA and **pager**. It works only with Microsoft Exchange E-mail accounts and offers unlimited wireless mail on BellSouth for \$40 per month plus unlimited news, weather and other Web **services** via the third-party GoWeb service for \$10 per month.

... is the latest iteration of the popular Palm organizer; and BlackBerry, a souped-up alphanumeric **pager** from Research In Motion. The products improve hugely on their predecessors.

But these gadgets are...

...and travel information are all available now, with more content on the way. The initial **services** are handy but basic.

Like its Palm ancestors, the VII is elegant, innovative, and useful

...

...transmissions (approximately 150 screens' worth of e-mail or Web content). 3Com believes that most **users** will prefer to use the \$25 premium monthly service, which covers 150KB (about 450 screens...

...states including Alaska, and Montana, and Wyoming have no service (see www.palm.net/coverage).

Pager On Steroids

The palm vii's most intriguing rival at the moment is RIM's BlackBerry, a \$399 device that blurs the distinctions between a **pager** and a PDA. Only slightly chunkier than a typical **pager**, the BlackBerry offers e-mail and a calendar and address book that synchronize with a...

...Go.Web, a third-party service that provides unlimited news, weather, driving directions, and other **services** for \$10 per month.

The RIM BlackBerry's tiny QWERTY keyboard works well for short messages (you type with your thumbs). Because it's a **pager** at heart, the device can beep or vibrate when new e-mail arrives. In contrast...

...If you currently use a Palm product, consider the Palm VII. If you like your **pager**, pick the BlackBerry. If you can't live without your phone, hold out for a...

...TRADE NAMES: Research in Motion Blackberry (Computer-linked **pager**)--

21/3,K/4 (Item 4 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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05318543 SUPPLIER NUMBER: 53602199 (USE FORMAT 7 OR 9 FOR FULL TEXT)

PAGERS GET SMART.(new pager products)

DAY, REBECCA

Popular Mechanics, 176, 2, 56(1)

Feb, 1999

ISSN: 0032-4558

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1826 LINE COUNT: 00140

PAGERS GET SMART.(new pager products)

...ABSTRACT: can also gather information and serve as organizers.

BellSouth Wireless Data's RIM Inter@ctive **Pager** 950 (\$249) has a QWERTY keyboard with 8 line display, an address book, fax capability...

What's small, fairly intelligent and fits on your belt? If you said a **pager** you'd only be partly right. Meet the smart **pager** : part organizer, part information source and big-time communicator. Worlds are happily colliding all over the electronic communications field. High-end cellular phones are sneaking into the **pager** 's domain, offering voice mail and paging features--and high-end organizers are adding **pager** capability as a side order on their menus of options. In order to meet this challenge the **pager** is diversifying its offerings as well.

Take the multifunctional RIM Inter@ctive **pager** from Bell South Wireless Data. Powered by an 80386 microprocessor and stuffed with 300KB of SRAM and 1MB of flash memory, the RIM Inter@ctive **Pager** 950 (\$249) packs a QWERTY keyboard and an 8-line display. There's a built...

...you can navigate using a thumbwheel that acts as a mouse. From the 2-way **pager** you can respond to **pages** , send a message to another **pager** , and send and receive e-mail over the Mobitex network. You can also type a...

...in at the Bell South Wireless Data Web site.

The killer app of the 950 **pager** is its ability to replace a heavy PC for e-mail. And it can send e-mail or a **page** --and receive a response--in 10 to 20 seconds. The company is working on additional...
...PIM), enterprise applications for commercial use and push and pull data from the Internet. "Push **services** will allow you to set up a virtual Web site of preferences and times when...

...come to you," says Jim Kelly, VP of interactive paging at Bell South Wireless. Pull **services** will enable you to punch in a keyword and retrieve information from the Web.

Service starts at \$24.95 for the RIM **pager** , which was designed by Research in Motion. The minimum rate includes 25,000 characters monthly...

...with battery. The Lilliputian keyboard on the PageWriter enables you to make custom responses to **page** queries and to send e-mail, faxes or **pages** to other devices, or you can use the canned **pager** responses.

PageWriter was designed for business **users** who can benefit from an onboard address book and add-on applications that are and will be available from third-party providers. Using SkyTel's Lotus Notes **pager** gateway, for example, you can have Lotus Notes messages from the office automatically forwarded to...

...text. Wolfetech is currently beta-testing Pocket Genie, a Web agent program that will enable **users** to access various kinds of information, including street directions and restaurant listings.

Currently, there's no fax program for PageWriter but, for a **fee** , you can transmit a document to an online fax service and have it sent to...

...as status, pricing or availability. One use is e-mail tracking of packages. From the **pager** you can **send** an Internet message to FedEx or any of the major overnight delivery companies and find...

...a delivery. Future applications from SkyTel will include on-demand stock quotes, street directions and **customized weather** reports. Stock quotes are currently sent out to PageWriter **users** 3 times a day as part of the bundled MSNBC service.

SkyTel service for PageWriter starts at \$24.95 a month for 6000 characters as well as MSNBC information **services** , which aren't figured into the total character allotment. Tack on more for additional **services** , including voice mail, a personalized toll-free mailbox number and fax

service. A voice mailbox receives voice mail, which you can then retrieve when you get a **page** .

Bundled with the service are five information **services** that are downloaded to the **pager** from MSNBC on the Internet. **Subscribers** choose five out of these eight categories: national ...SkyWord Deluxe Kit is priced at \$360, which includes PageWriter, a holster, battery and battery **charger** /docking station, a PC cable and software for connection to a PC. Using the software and infrared connection between the docking station and **pager** , you can upload an address book or other information from the PC to the **pager** , which is much easier than pecking away at the tiny keyboard. Motorola offers several applications...

...game Mines, and casino program Draw 21.

Motorola's not trying to guess which product **consumers** will ultimately choose for their paging needs--the **pager** or the organizer. Instead, the company is hedging its bets by making a **pager** card that slips into the PalmPilot handheld organizer. Developed by Motorola, 3Com and PageMart, the Synapse **Pager** Card (\$169, \$299 Pilot not included) is sold through PageMart and 3Com. The add-in...

...a 2MB infusion of RAM and Palm's 3.0 operating system, and tacks on **pager** capability to boot. There's currently no **pager** card solution for the Palm III, however. PageMart says it will also offer **pager** cards for the handheld Windows CE devices but no marketing plans were in the works...

...Regenbaum, VP of marketing for PageMart. Using the one-way stream and the Internet, Palm **users** can stay in touch with the office PC via wireless messaging. Messages coming in are...

...a message. The card also has guaranteed messaging so that you don't miss a **page** . If you're on a ferry or in an elevator where a **page** can't reach you, the system stores messages for up to 96 hours, continuing to...

...message until it gets to you. You can also program in "quiet time" when the **pager** stays awake while you sleep and then alerts you to new messages at a scheduled...

...95 including voice mail (you call a toll-free number to retrieve messages) and information **services** .

In our test of the RIM Inter@ctive 950 and PageWriter, for example, we had to leave our suburban office to find coverage. The Motorola unit could receive **pages** but not send them because the service uses different transmission towers for each function. Bell...

...of the PageWriter 2000, the new Access-Link II from the Wireless Access Group offers **subscribers** messaging features on a device as small as a one-way alphanumeric **pager** . It includes features such as message origination, custom reply, sending and receiving e-mail messages, and a folder-based **user** interface. It also includes a built-in IrDA port, allowing you to "beam" data wirelessly...

21/3,K/5 (Item 5 from file: 47)

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05278993 SUPPLIER NUMBER: 53287060 (USE FORMAT 7 OR 9 FOR FULL TEXT)
So much push, so little time.(evaluation of the web-based push technology service NewBursts from Sun Microsystems Inc.)

Stanley, Robyn E.; Higgins, Christy Confetti
Information Outlook, 2, 11, 39(1)

Nov, 1998

LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1613 LINE COUNT: 00143

TEXT:

...provides a competitive advantage in the business world. The onset of push technology allows end **users** to receive targeted current news - on companies, products, technology, people, etc. - via **e-mail** through their workstations, **personal digital assistants**, handheld computers, or pagers.

...resources for the NewsBursts web site. Sites are broken down into five categories, described below: **Custom News** Pages, Daily **News** Updates, **Fee**-based Push Services, Market Research Alerts, and News Alerts.

The NewsBursts' home page describes each...
...description and subscription information. All web pages include a link to SunLibrary researchers for further **information**, assistance, and feedback.

Custom News Pages

NewsBursts' **Custom News** Pages covers services that allow users to create personal news web pages. This category currently...

...services available for a fee. This section includes ten sites and is a mix of **custom news** services and newsletters. Many of these services allow users to create profiles and deliver news...

...page. Examples are Dow Jones Interactive and Inquisit.

Dow Jones Interactive and Inquisit both offer **custom news** services through a personal news profile delivered via e-mail. Each **fee**-based service selected for NewsBursts has unique customization and content features.

Market Research Alerts

This category includes seven services that mix newsletters with **custom news** pages. The majority of these services require a paid **subscription** to the market research firm before push services can be accessed. Two examples are IDC...

21/3,K/6 (Item 6 from file: 47)

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05208901 SUPPLIER NUMBER: 21036768 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Doing The Job On The Go.(computing and communication tools for mobile entrepreneurs)(Buyers Guide)

McCollum, Tim; Holzinger, Albert G.

Nation's Business, v86, n9, p53(1)

Sep, 1998

DOCUMENT TYPE: Buyers Guide ISSN: 0028-047X LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 5431 LINE COUNT: 00421

...decisions have to be made at inopportune times--at night and on weekends, between weekday **client** visits, or during out-of-town business trips, for example. Hence, pagers, mobile phones, and...

...film transistor) display.

Moreover, almost all of these notebooks come with modular bays that allow **users** to add a second battery or hard drive or optional components such as a DVD...

...business travelers.

Value

Compaq Armada 1700

Compaq's Armada 1700 is a powerful system for **users** who need a high level of functionality at an affordable price. This system features a...

...3200

Inspiron is Dell Computer's line of notebooks engineered for home and small-business **users**. The Inspiron 3200 models sport 233MHz and 266MHz Pentium II chips.

They contain a wealth...pound base that fits underneath the GoBook houses an additional lithium-ion battery that allows **users** to work up to 11 hours between battery charges. Price: \$2,599 and up direct...

...inch TFT display.

Unlike many lightweight models, the Versa SX includes a bay that enables **users** to interchange a floppy-disk drive, an additional battery or hard drive, and a 24...

...1GB hard drive, and a 56-Kbps modem.

It also includes a port that lets **users** connect a digital video recorder or other multimedia device.

The SuperSlim does make some tradeoffs...

...than those found on most notebooks, and there is no built-in floppy drive, so **users** must connect an external drive when they need to use a diskette.

Retail price: \$2...

...8000.

Each Tecra 8000 comes with a 233MHz or 266MHz Pentium II processor. From there, **users** can order 32MB or 64MB of memory, a 4GB or 6.4GB hard drive, and...

...a mouse, a printer, and even a scanner. But they're not cheap, and if **users** change notebook brands or sometimes even models from the same manufacturer, they have to change...and enhanced features.

Sales of hand-held computers and personal organizers are increasing. Why? Business **users** are realizing the value and convenience of maintaining business information and communication capabilities in a...

...from small computers that resemble miniature notebook PCs to organizers called palm computers that allow **users** to enter information with a pen-like stylus. The devices usually are priced at less...

...fill-strength mini-notebook PCs. In addition, it includes a clever hand-held device for **users** who are computer-challenged.

Palm PCs

3Com Palm III

The original Palm Pilot jump-started...

...the challenge of the Windows CE palm computers.

The Palm III is designed to help **users** stay connected by maintaining contact information, organizing data, and retrieving electronic mail and other messages...

...e-mail messages in its 2MB of memory. 3Com's handwriting-recognition software, Graffiti, allows **users** to write and store simple memos.

An optional modem allows **users** to connect to the Internet to access e-mail and the World Wide Web. Retail...

...on the front of the case can be programmed to launch frequently used software applications. **Users** can also access applications by using a pen-stylus to touch icons that appear on...

...The WorkPad has a backlit black-and-white display with four on-screen "buttons" that **users** touch to launch applications. It also has three program-launch buttons built into the case...Internet Explorer, and Outlook.

The keyboard is relatively wide, too, with fat keys that allow **users** to touch-type. Inside, the Phenom Ultra comes with a 33.6-Kbps modem, 16MB ...

...color TFT display and scaled-down keyboard aren't notebooksize, but the Libretto does allow **users** to run Windows 95 and common PC applications. The Libretto also comes with stereo sound...

...notepad. The CrossPad is essentially a standard paper tablet that rests on a digital notepad. **Users** write notes on the tablet using a digital pen that has a radio-frequency transmitter.

The pen sends signals to the digital notepad, which can store up to 50 **pages** in memory. The digital notes can be transferred to a PC and stored for reference...

...wireless communications. And never before have there been so many choices of both products and **services** .

Traditional analog service is giving way to more-advanced digital cellular service and personal communications **services** (PCS). Because of the widespread availability of these new technologies, people in many markets can choose among numerous providers of various types of wireless **services** .

Consequently, rates have gone down and flexible calling plans have emerged, often requiring no annual contract.

Moreover, digital cellular and PCS technologies generally provide much-improved voice quality and additional **services** such as paging and voice and data messaging.

Wireless phones have made remarkable advances as...

...Wireless phones have also added new capabilities. Digital phones have gained messaging capabilities--many allow **users** to send and receive e-mail and faxes and receive news **feeds** . Some analog phones use cellular digital packet data (CDPD) technology to provide comparable **services** .

Not all data communication is wireless, though. Many **users** of notebook, handheld, and palm computers still use basic PC-card modems to make calls...enables data connections at speeds of up to 53 Kbps. And ISDN PC cards allow **users** to dial out at up to 128 Kbps over an ISDN (integrated **services** digital network) connection when one is available.

In addition, there are PC cards that allow...

...to their company's computer network, and there are combination modem-network cards that enable **users** to both dial out to the land-line phone network and connect to a local...

...providers and phone dealers provide these devices either free or at a deep discount to **customers** who sign up for **services** .

Wireless Phones

Mitsubishi MobileAccess 120 Phone

Mitsubishi's MobileAccess 120 phone is an analog **cellular phone** that provides **users** with **e-mail** and news **feeds** from the Internet through the nationwide PocketNet service of AT&T Wireless.

PocketNet uses CDPD...

...MobileAccess 120 to the Internet each time it's turned on. With a connection made, **users** can download e-mail and selected **news feeds** from a **personalized Web page** and synchronize data stored on their phone and Web **page**.

The phone's standard battery provides one hour of talk time and nine hours of...

...book, the PocketNet service provides a calendar, a to-do list, a fax, and information **feeds** from Web sites such as ABC News and Bloomberg.

Users sign up for PocketNet service through their local cellular provider. Retail price for the MobileAccess 120 is \$299. The monthly PocketNet data service **fee** is \$29.99.

Motorola il000

The il000 provides multiple communications options when activated onto a...

...charges of its lithium-ion battery: Features include speakerphone operation, notice of incoming calls or **pages** via vibration, and caller ID.

Nokia 6190

The Nokia 6190 digital wire less handset is...

...of talk time. GSM providers include AT&T Wireless, BellSouth Mobility, and Pacific Bell Mobile **Services**.

The Nokia 6190 has a phone directory that stores up to 255 phone numbers and allows **users** to organize numbers into categories. **Users** can send and receive short text messages, which are displayed on a large LCD screen...

...big disadvantage of many digital wireless phones is that they don't work when the **user** has roamed into an area that doesn't have compatible digital service. At such times, **users** wish they still had their analog cellular phones. Qualcomm addresses that problem with its dual-mode Q phone, which allows **users** to tap into both digital and analog cellular networks.

The Q phone is palm-size...

...Touch Cellular, Ameritech, Bell Atlantic Mobile, and Sprint PCS-and standard analog cellular networks, allowing **users** to roam between different networks without losing calls.

The Q phone allows **users** to answer calls by simply opening the phone and talking. Incoming calls' numbers are displayed...

...screens incoming calls and rings through only those numbers that have been selected by the **user**. The LCD allows **users** to receive messages and alerts them when they have voice mail. Retail price: \$199.

Sony...

...provides 2.5 hours of talk time and 24 hours of standby time per charge. **Users** are alerted to incoming calls by any of five distinctive rings or by vibration. Retail...

...199.

PC Cards

Psion Dacom Gold Card NetGlobal 56K + Fax 10 Mb Ethernet

Notebook PC **users** often need to be able to both dial out to remote networks such as the...

...Uniden Data 2000

Uniden's Data 2000 is a wireless PC-card modem that allows **users** to

send and receive data over analog cellular networks using their notebook or portable PC. Unlike many modems that require **users** to connect to a cellular phone, the Data 2000 has a built-in cellular antenna that allows it to connect calls through the **user**'s cellular provider.

Users merely have to dial the intended number using their PC'S modem software as they...

...its own alkaline or nickel-cadmium battery, so it doesn't drain power from the **user**'s PC. Retail price: \$399

Xircom RealPort Ethernet 10/100 + Modem 56

This PC card...

...in most notebook PCs.

The RealPort card has been designed to make it easy for **users** to switch between modem and network functions. It can be plugged in to a PC when **users** need it without requiring them to reboot their computers.

In addition to its standard data...

21/3,K/7 (Item 7 from file: 47)

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04993855 SUPPLIER NUMBER: 19896914 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New start for news service. (Farcast renamed Inquisit) (Company Business and Marketing)

Kerstetter, Jim

PC Week, v14, n43, p32(1)

Oct 13, 1997

ISSN: 0740-1604

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 500

LINE COUNT: 00041

...ABSTRACT: function, with less emphasis placed on the medium used to send the news to its **subscribers**. The service has over 600 sources, and **users** begin by signing up over the Web or via E-mail, identifying the kind of news agent they desire. The servers then steps **users** through a set of questions to determine what information they seek, allowing them to specify ...

...when they wish to get data. A personal agent tracks resources 24 hours a day. **Users** may choose to see headlines, first paragraphs or entire documents. The information may be sent to the Web, a **pager**, a **cellular phone** or **E - mail**. The service starts at \$12.95 per monthly. An agreement with Find/SVP allows **users** to request specialty research for an additional fee.

TEXT:

Farcast Inc., a news service company that never carried many **customers**, is being relaunched this week as Inquisit Inc.

Inquisit, based in San Francisco, bills itself as a company in which technology and **client** interfaces are secondary to the delivery of news in any way possible--via the World Wide Web, **E - mail**, **pager** or in any way that a **customer** wants, said Inquisit President and CEO Ridgely Evers.

Evers, a former executive at financial software maker Intuit Inc., is hoping Inquisit will take a **page** from Intuit's business plan. Intuit has traditionally been conservative with new technology. Though eager...

...with new ideas, Intuit has always held on to its core business--small businesses and **consumers** that need updated financial software and online bill processing.

Inquisit is a **subscription**-based service that gives **customers** unlimited access to **personalized news**. There is no software that must be downloaded or installed. It works with most E...

...starts at \$12.95 per month--is done on E-mail or the Web. First, **subscribers** select the type of news agent they want to create. Inquisit then leads **users** through a set of questions that define what they're looking for. How much of...

...information sources--which recently topped 600--around the clock. Based on the preferences of the **subscriber**, the agents deliver the headline, first paragraph or entire contents of each article. Current **delivery** sources are the Web, **paggers**, **E-mail** and **cellular phones**, but within the next year Inquisit plans to add fax, personal Web **pages** and additional handheld devices to that list.

Inquisit has also partnered with Find/SVP, a national research company that conducts specialty research. Through the deal, Inquisit **subscribers** can submit research requests to Find/SVP, and one of the analysts from that company...

...correspond on research needs and provide a price estimate. The extra research costs an additional **fee** on top of the usual **subscription** rate.

"My question is: How much is that going to cost? I'd like to...

...to distinguish itself from news Web sites and push news outlets, officials said.

Free trial **subscriptions** are available at www.inquisit.com or through E-mail at signup@inquisit.com. The...

...COMPANY NAMES: **Services** ; ...

... **Services**

DESCRIPTORS: Information **services** industry...

... **Services**

21/3,K/8 (Item 8 from file: 47)

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04817424 SUPPLIER NUMBER: 19723612 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The power brokers. (ten uninterruptible power supplies) (includes related articles on determining your UPS needs, glossary, Editors' Choice, performance tests, protecting individual PCs) (Hardware Review)(Evaluation)

Rosch, Winn L.

PC Magazine, v16, n16, p197(12)

Sep 23, 1997

DOCUMENT TYPE: Evaluation

ISSN: 0888-8507

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 8222 LINE COUNT: 00633

...ABSTRACT: price. Para Systems' \$1,400 Minuteman XRT 2000 has good features and can grow with **users**' needs. Toshiba International's \$2,800 1440SE is the other on-line UPS reviewed and...

... will let you check UPS and utility power status with just a glance.

Look for **user**-replaceable, hot-swappable batteries to cut maintenance costs. The option to add more batteries is...

...network node or even via the Web and be alerted via e-mail or phone **page** if there's a problem with the power in the server room.
If utility power...

...battery is depleted, the software can initiate a graceful shutdown of the system, warning each **user** of the impending failure and even saving **user** files. There also are environmental monitors that can keep tabs on the temperature of the...an early shutdown sequence to prevent excess battery discharge; all the other systems allow the **user** to override hardware defaults with software settings.

All UPSs in this roundup use some form...let you connect additional batteries to extend runtime. Instead, Best Power equips each with a **user**-replaceable, hot-swappable battery. Best's management software CheckUPS II graphically displays input and output...and the temperature. You can configure alerts to be sent via network broadcast message or **pager**, and you can schedule UPS self-tests.

The software performed properly during testing, and the...
...cycling tests for off-hours and configure alerts to be broadcast over a network, via **pager**, or by e-mail.

On our Blackout test, the unit yielded a runtime of 7...scanty software--PowerView Plus, a \$119 option--left us mildly disappointed.

The batteries are not **user**-replaceable, though they have a rated life of seven years, double that of most in...

...limited. It let us configure alerts to be broadcast over the network or sent via **pager** or e-mail, but PowerView lacks a battery runtime indicator. Instead, it displays a less...

...configure a variety of alerts and have them sent as network broadcast messages or via **e-mail** or **pager**. Notably, the software has the ability to pool all alerts from supported (Tripp Lite and...

...UPSs on the network into a single file for review. We found it easy to **customize** message **content** and **tailor** it to indicate which system was acting up.

The Smart 2200 Net performed admirably on...

...Plus properly shut down the networks and transmitted the preset alerts.

Note that the battery **charges** constantly, even during brownouts. This keeps the UPS ready for a crisis, but if you...

...Comments: Look for at least two powered 120V outlets and a surge-protected modem jack. **User**-replaceable, hot-swappable batteries will lower lifetime maintenance costs. Be sure the unit plugs into...

...a plus. Intuitive network management software that can send broadcast messages and e-mail and **pager** alerts to the network administrator is a must.

Server room or data center

Recommended rating...own, as vendors scramble to hit on the right mix to inspire home and office **users** to look beyond inexpensive surge protectors and invest in solid power protection--even if the...justify the cost. You get boost and buck conditioning, Windows 95 plug-and-play setup, **user**-replaceable batteries, four outlet receptacles, modem/network overvoltage protection for a single line, an online...

...system, and it can even send alerts over a network or via e-mail and **pager**. It yielded a respectable battery runtime of 6 minutes 27 seconds. You can also configure...

...perform automatic and remote shutdown and scheduled reboots. Though we would like to see a **user** -replaceable battery and a surge-only outlet for a printer in the next iteration, this...

21/3,K/9 (Item 9 from file: 47)

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04128687 SUPPLIER NUMBER: 16098240 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Intelligent agents; software servants for an electronic information world (and more!). (autonomous and adaptive computer programs operating within software environments)(includes two related articles)

Roesler, Marina; Hawkins, Donald T.

Online, v18, n4, p18(11)

July, 1994

ISSN: 0146-5422

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 6136 LINE COUNT: 00511

...ABSTRACT: and autonomous computer programs that can be used to create software that perform tasks for **users** based on **user** preferences. Intelligent agent technology can be used to perform many tasks including scheduling appointments, making...

...made intelligent software agents necessary to automatically sort and filter data into manageable amounts for **users** .

TEXT:

...a different purpose, but they also have the potential to be extremely useful to their **users** , especially as the technology becomes further developed. This article is the first appearing in ONLINE...

... agents are autonomous and adaptive computer programs operating within software environments such as operating systems, **databases** or computer networks. Intelligent agents help their **users** with routine computer tasks, while still accommodating individual habits. This technology combines artificial intelligence (reasoning...

...interface, distributed processing, etc.) to produce a new generation of software that can, based on **user** preferences, perform tasks for **users** . (For a tutorial on artificial intelligence and a discussion of its application to information retrieval...

...years, of course, but intelligent agent technology holds the promise of easing the burdens on **users** by automating such tasks.

WHY AGENTS?

The modern and increasingly competitive global business environment and...

...a significant potential to affect peoples' lives in many areas. Here are some typical examples:

* **Users** can be easily overwhelmed by the huge amount of information available and the effort required...

...into a manageable amount of high-value information that can be customized for each individual **user** .

* In an increasingly mobile business environment, messages must be filtered and routed intelligently to recipients...

...automate tasks performed by administrative and clerical personnel in functions such as sales support or **customer** care to reduce labor costs and increase office productivity. Today, labor costs are estimated to...

...associated with the notion of an intelligent agent:

* Autonomous Agency is the ability to handle **user** -defined tasks independent of the **user** and often without the **user** 's guidance or presence. The **user** does not become directly involved in executing the task. Once he or she specifies how...

...right conditions are met. Note that the agent can execute the task immediately while the **user** waits for a response ("tell me the best route to get to my hotel from the airport"), or at a time when the **user** is not present ("place any incoming e-mailed requests for meetings on my calendar").

* Adaptive Behavior is the ability to mimic the **user** 's steps when normally performing a task. For example, learning agents would learn the **user** 's habits and preferences over time and either respond to requests or act on the **users** ' behalf based on what they learned. The learning usually occurs through observation, **user** feedback or training.

One of the techniques used when learning by observing is to track the **user** 's actions and memorize the situations that prompted those actions (these are called "situation-action...)

...pairs, to decide the course of action. The agent may suggest the action to the **user** or act directly without further intervention.

In the **user** -feedback learning method, **users** can instruct the agent how to act directly ("never perform that action again") or indirectly ...

...example, ignoring a suggestion given by the agent. The system stores the feedback actions.

In **user** -training learning, the **user** inputs hypothetical situations and actions to the system, building a **database** of scenarios (situationaction pairs) for the agent to use when deciding future actions.

* Mobility Capability **users** and other agents. Agents are usually developed to provide expertise in a specific area and...

...secretary. Here both agents, in executing the task, take into account the desires of the **user** they represent.

Cooperative behavior of computing entities has been studied by researchers in the area...

...three different approaches to building agents with reasoning capabilities.

1. The rule-based approach uses **user** -scripted controls for information handling. **Users** must recognize where an agent would be useful, program the agent with rules or their...

...software agent that can effectively help humans perform daily tasks is even more powerful when **users** think of the agents as some sort of humanoids. Some researchers believe that computer **users** will be more likely to trust and feel comfortable with a system that presents a...

...sidebar) is an example of this type of interface. Natural language (requests entered by the **user** in plain English) and voice interfaces are natural candidates also, as is a pictorial representation...

...be used by a learning agent to denote its reaction to actions taken by the **user** .

Software does not necessarily need to have all these qualities to be classified as an...

...of the spectrum are agents that simply record the sequence of actions taken by a **user** and try to mimic it when invoked. On the other end are agents with the ability to learn from **user** behavior, adapt to new situations, plan tasks, make decisions, infer what behavior is expected based...

...amount of information is being converted to electronic form. The number of publicly available online **databases** has now passed 5,000 (5) and shows no sign of abating. Information **users** are in a difficult position. They need information to help them make intelligent decisions and...

...to miss relevant information. However, the information may not only be scattered in several different **databases**, but it may reside on different systems, each with a different **user** interface and a different **database** structure. In addition, not all **users** have access to all the information systems they need.

Given these problems, simple, convenient, cost-effective and **user**-friendly access to electronic information has been a long-standing (but elusive) dream of information...

...over-expensive products, packaged in the shiny wrapping of modern technology, and hostile to end **users**."

Important strides have been made in the last decade, but readily available methods to help **users** extract meaningful information from the sea of electronic data are still only in their infancy...

...of-heart. Traditionally, fishing information from the Internet was a privilege reserved for relatively savvy **users** with a working knowledge of UNIX and a general idea of where the information resided...

...access to Internet information, but these tools are not yet the ultimate solution. They show **users** the way through the maze of information, but they do not actually do the navigation...

...be built and maintained and, at best, they provide only pointers to the actual information. **Users**, however, want answers to their questions, not merely pointers to possible sources for those answers...They proposed a system that would go beyond simply retrieving the desired information for the **user**. The knowledge gateway would, among other things, also offer optional information processing capabilities (for example...

...intelligent agent capabilities in the areas of smart messaging, message filtering, work flow automation, financial **services**, help desks, file management and so on are available but will not be covered here...

...develop and incorporate information retrieval agent capabilities into the original search engine. Some of the **services** and products described below are examples of this kind of development.

AppleSearch
Apple's AppleSearch...

...personal search agents called "Reporters" to search incoming mail messages and documents obtained from online **feeds** or residing on servers or CD-ROM discs. The **user** can schedule Reporters to run at preset intervals, or on demand.

AppleSearch uses Apple's proprietary technology to automatically translate **page** layout, word processing and spreadsheet documents into searchable text-only documents. It uses Reporters to...

...content, employs a relevance-ranking algorithm to select the information of most value to the **user**, then allows the **user** to view the text of the

selected documents without invoking the application (word processor, spreadsheet...
 ...image documents (originally obtained by scanning, faxing, etc.), indexes and stores them, and then allows **users** to execute searches of stored documents from anywhere on a network.

PageKeeper uses a weighted...

...York, etc., containing the answer to the question.

ConText

Oracle's ConText software uses a **client** /server architecture to understand the structure and analyze the content of English text and queries. The server processes a document and identifies thematic, semantic and structural information about it. Different **client** tools then interpret this information and give the **user** capabilities such as speed/scan reading (highlights the most important segments of text to allow ...

...information extraction (allows the creation of information retrieval agents to extract specific information from textual **databases**, such as expected trends in the stock market based on quoted analyst predictions, or information about mergers and acquisitions).

Advanced Information Agent

Users of J&T Associates' Advanced Information Agent can instruct it to watch for items of interest in e-mail in-boxes, online news **services**, electronic discussion forums, etc. The Advanced Information Agent will pull the relevant information and put it in the **user**'s personalized newspaper at predetermined intervals. This agent runs on the Lotus Notes Platform.

Hoover...filtering agents that search, retrieve and integrate data from several electronic information sources, including online **databases**, CD-ROMs and broadcast **feeds** such as newswires. Hoover delivers its output via the Lotus Notes platform. SandPoint predefines scripts for several of the most widely-used online information **services**. If a **user** wants to access an information service for which a script is not available, SandPoint will write the script for a **fee**, or will sell the tools to create the script. Once the script is in place, **customizing** the **information** is simply a matter of changing search terms.

SandPoint also offers a series of pre...

...such as company profiles, news alerts and the full text of the Wall Street Journal. **Users** indicate the topics for which they are searching by filling out a simple template that then becomes an agent that conducts the search across several online **databases** or databanks. (More information about the Hoover system appears in Hunter McCleary's article in...

...10).)

NEWS-FILTERING AGENTS

NewsEDGE

Desktop Data's NewsEDGE service delivers real-time online news.

Users can indicate topics of interest, and NewsEDGE will alert them to news stories on those topics as they appear on the newswire. **Users** can also create **personalized news** clipping reports by selecting from approximately 130 news **services** including the Associated Press, Dow Jones, Reuters, Federal Filings, etc. NewsEDGE **customers** can receive their news stories through the delivery **channel** of their choice, one of which is the Lotus Notes platform.

PowerNews

NewtonMail **subscribers** can use Pentekk Technologies' PowerNews software to create a **user** agent that, based on the **user**'s selection of categories, will daily download news clips on the computer, business, financial or medical industries to the **subscriber**'s Newton device.

First! and HeadsUp

Individual, Inc. offers two similar news filtering **services** primarily targeted to executives who need to keep current concerning their areas of interest. The HeadsUp service delivers a daily customized newspaper consisting of news synopses via several **delivery channels**, including **paggers** and **hand - held devices** using Motorola's EMBARC System. The First! service delivers custom news daily by fax, electronic mail or as a Lotus Notes **database**. The primary distinction between the First! and HeadsUp **services** is that HeadsUp is available only for a series of topics pre-selected by Individual, Inc., whereas First! newspapers can be created for any topic the **subscriber** chooses.

Individual uses the SMART text retrieval and filtering technology developed by Professor Gerard Salton at Cornell University to select material for **subscribers**' personal newspapers. Sources of information include general business news **feeds** (e.g., Reuters, Financial Times) as well as sources specific to **clients**' markets (e.g., Network World). (For further details about both NewsEDGE and Individual, Inc. see...

...to find an answer to a query. For example, a knowbot trying to satisfy a **user**'s query, "Why is the sky blue?" can return a poem, a physics article, a...

...etc. The goal is to let the knowbot do the navigation, instead of having the **user** navigate the web of cyberspace.

Pattie Maes at MIT (12)(13) is using artificial-evolution techniques to create **user** agents that can learn to perform "administrative" activities which distract people from their primary activities, such as scheduling meetings or scanning **databases** for information. The MIT project's emphasis is on the agent's learning capability. These agents develop different confidence levels as they monitor a **user**'s activity. The **user** can set thresholds that specify whether or not the agent needs to notify him or...

...robots." As an example, some softbots (implemented as shell scripts) are meant to help a **user** in his or her daily work on a UNIX system. Etzioni's softbots incorporate modern...

...viewed as an agent that needs to find a way (a "plan") to satisfy its **user**'s goal. The **user** tells the softbot what to do, not how to do it. For example, to satisfy a **user**'s request, "find out where Marina Roesler is logged on," a shell script would be...

...have developed an agent that helps schedule meetings. The agent tries to adapt to the **user**. For example, the program will not schedule meetings early in the morning, once it has noticed that the **user** never schedules early meetings. The objective of this work is to demonstrate that it is...

...Philip Cohen, et al., at SRI International (17) is developing an open agent architecture and **user** interface to support transparent (**users** don't need to know where nor how their requests are being executed), distributed execution of **users**' requests. To facilitate delegating tasks to agents, the architecture is served by a multimodal interface...

...promise of intelligent agents is an appealing one. The intelligent agents of tomorrow will relieve **users** of the burden of timeconsuming and tedious searches through a massive, intricate and globally-dispersed web of electronic information. Agents will find, assemble and analyze information that **users** need to solve problems, become better informed and make intelligent decisions.

Intelligent agents could play...

...numbers in a directory, dials calls and generally manages the interaction between the computer and **user** . The pictorial representation of the agent is that of a male human face adorned with...

...Telescript agents can cooperate with other agents, clone themselves when needed and be customized by **users** .

Here are some examples of how Telescript agents could be used in the future:

* Using...

...for his camera.

* Nancy is an active business woman who travels frequently. She contracts the **services** of an alerting agent to check flight times. If the flight is delayed, her agent...

...applicable to a large class of communications-oriented applications including messaging, work flow automation and information **services** . AT&T PersonaLink will provide a platform for other organizations, large or small, to offer a variety of **services** ranging from customized news delivery to personalized travel arrangements to event alerting. AT&T PersonaLink's initial offering includes smart messaging, news delivery, electronic shopping and information **services** . PersonaLink is scheduled for deployment in the summer of 1994.

For Further Reading

This is...

...Christine and Ellie Warner. Intelligent Agents: The New Revolution in Software. Ovum Reports, 1994, 300 **pages** . (Market research report available from Ovum Ltd., 1 Morrimor Street, London W1N 7R11, England. Phone...

...Intelligent Agents: Making Sense of the Data Swamp. LINK Resources Corporation, August 1992.

(5) "Online **Databases** ." Gale Directory of **Databases** , Vol. 1. Gale Research, Inc., January 1994.

(6) Cleverdon, Cyril R. "Optimizing Convenient Online Access to Bibliographic **Databases** ." Information **Services** and Use 4, Nos. 1-2 (1984): pp. 37-47.

(7) Kay, Alan. "On the...

...1993: pp. 459-464.

(13) Maes, Pattie. Social Interface Agents: Acquiring Competence by Learning from **Users** and other Agents. Presented at 1994 AAAI Spring Symposium on Software Agents.

(14) Etzioni, Oren...

21/3,K/10 (Item 1 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2006 The Gale Group. All rts. reserv.

01861529 Supplier Number: 60047374 (USE FORMAT 7 FOR FULLTEXT)
Media eye mobile marketing ;wirelessmedia:Industry tries out innovative models to reach a moving target.

Fawcett, Adrienne W.

Advertising Age, v71, pS24

March 6, 2000

ISSN: 0001-8899

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1128

... Forrester Research. "Today, no one is advertising on phones. The best use for mobile Internet **services** is PR value. Amazon is not selling books on the phone, but it is getting...

...on cell phones, pagers and digital organizers such as Palm. Plus, many media executives say, **consumers** will resist wireless ads because they consider these tools to be very personal.

Unlike free content on the Internet, **consumers** pay for most of the wireless content they download.

At Reuters, this means **consumers** -- mostly financial professionals -- buy a subscription to access real-time information on Palm Inc.'s...

...CE devices. The two-way service delivers data, graphics, charts and stock quotes and lets **users** trade stock. The service costs \$79 a month for software, plus \$7.50 in other...

...a service for \$75 a month that provides news and data to about 2,000 **subscribers**.

Neither service, however, sells ad space.

WIRELESS WEATHER

Landmark Communications' Weather **Channel** (www.weather.com) also is a player in the wireless realm that does not sell ads. The company is testing a service that allows digital cell phone **users** to receive weather information almost instantaneously by punching in certain codes. Deeper weather data is available to **users** of Palm VII and Sprint PCS devices, who can get forecasts and current conditions as well as national weather news.

Consumers can request a "tiny e-mail that shows up on your phone each day" delivering...

...A professional financial person would rather pay a premium price and not see any ads. **Consumers** want a lesser fee and will take ads."

There are other ways **users** pay for wireless content besides **subscriptions**. For example, **users** of electronic organizers who want Wall Street Journal Interactive Edition (wsj.com) stories can download...

...or entire stories from the day's top news. The articles are heavily edited because **consumers** pay for the number of characters of information they download.

"Because of that same set of issues of how the **consumer** is paying for the cost of downloading, advertising becomes interesting," says Neil Budde, editor and...

...AvantGo has teamed with other media sources including The New York Times and Bloomberg to **deliver personalized content to wireless devices**.

While AvantGo can't currently offer ad-tracking for advertisers, it will be able to...

...marketing. AvantGo advertisers include Electronic Data Systems Corp., Hilton Hotels Corp. and IBM Corp. AvantGo **channels** accepting ads include Salon, MapQuest and Lycos' Wired Digital, which ran its first ad on...

...a text-based promotion for Hilton.

Mr. Ryan says most of the interactivity comes when **users** synchronize their devices to PCs connected to the Net. But as the installed- **user** base on wireless devices has grown, Mr. Ryan says, he's seen an increase in...

...com considers the wireless market to have enormous potential, one in which the site's **page** views are growing 20% per month, says Director of Marketing Susan Lavington. USAToday.com content...

...under way to create a service for cell phones and pagers.

In December, she says, **users** viewed more than 28 million **pages** at USAToday.com from Palm organizers. But those do not include ads. "There are a lot of **page** views and traffic, so we want to somehow harness that (with ads), but haven't Interactive, "We can reach **users** who want our news anywhere at any time, wherever and whenever they want it. That...

...content to PageNet, a U.S. provider of alphanu-meric pagers with 1.6 million **users**. CNN Mobile, meanwhile, delivers news to wireless service providers that offer it to 41 million **users** worldwide. CNN also has an arrangement with AvantGo that lets Palm organizer and Windows CE **users** download content from the Net.

Mr. Woelfel says customization is wireless advertising's biggest challenge...

EVENT NAMES: *360 (**Services** information); 361 (**Services** development); 650 (Sales & consumption)

21/3,K/11 (Item 2 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2006 The Gale Group. All rts. reserv.

01848931 Supplier Number: 59423580 (USE FORMAT 7 FOR FULLTEXT)
E-MAIL MAY SCOUR NEW REVENUE STREAMS FOR PAPERS - Three companies seize a chance to deliver content, boost classifieds' utility with e-tools.(Brief Article)

NewsInc, v12, n1, pNA
Jan 3, 2000
ISSN: 1043-7452
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Magazine/Journal; Trade
Word Count: 526

... announced new initiatives to use the oldest on-line tool, e-mail, to deliver either **user** -specific information or provide a digital successor to the classified ad blind box. Ultimately, media companies will create substantial **databases** about **users** -- data they can use to link advertisers and **consumers**.

Belo Interactive Inc., the on-line enterprise of Belo Corp. of Dallas, has formed an...

...will draw on its experience in building affinity groups through "permission marketing" e-mail -- a **user** fills out a profile form and agrees to accept e-mail that contains the news he or she wants but also will carry ads.

One **client**, the New York Knicks basketball team, has built a **database** of 10,000 **subscribers** after five weeks on-line, says John Palms, PopMail's senior vice president of business...

...delivery of requested information for Knicks fans, Palms says, paying the Knicks for the privilege. **Users**, Palms says, are "blatantly signing up to get some advertising" via e-mail, which he...

...Central subsidiary. "Someone who's interested in sports and maybe outdoor hiking is a potential **customer** that would be highly prized by a

sporting goods company," Kelley says.

"It really is...

...for Belo Interactive. Through Strategy.com, Belo plans to create an "indispensable tool" for its **users** by providing what they want "rather than just push content to him or her," Bramnick...

...will be able to deliver messages to several kinds of devices, including cell phones and **paggers**, making real time **delivery** of crucial information -- such as a storm warning -- an every-minute reality.

In addition to advertising revenue, Bramnick's project intends to **charge subscription fees** in the two dozen markets where Belo has a newspaper or TV station. Eventually, other...

...of information who happens to make some small sliver of local information should win our **customers**."

-- P.W.

PRODUCT NAMES: *4811510 (Electronic Mail **Services**); 7375000 (**Database** Providers)

NAICS CODES: 51331 (Wired Telecommunications Carriers); 514191 (On-Line Information **Services**)

21/3,K/12 (Item 3 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

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01759725 Supplier Number: 54751086 (USE FORMAT 7 FOR FULLTEXT)

High prize for tackling information pollution; The media is a major communications polluter & wasting billions on Ojust in caseO marketing.

But a ground-breaking solution is at hand, says Alan Mitchell.

Marketing Week, p28(1)

May 27, 1999

ISSN: 0141-9285

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 976

... on paper, freighted, stored and so on.

Now, by going digital he can offer individual **subscriptions** at [pound]275 a year. Big difference: **subscribers** donOt buy the whole caboodle just in case they might want to look up a...

...developed by Shere Arts, is producing customised, on demand, just-in-time brochures. If a **customer** expresses interest in a red Accord with leather trim and lives in London SW18, a...

...and the Honda dealer serving SW18. No just-in-case costs are incurred. And the **customer** gets the information he wants, when he wants it.

Now, what about the sexy end? HereOs the fantasy. I canOt watch the big match, but could you **page** me if anyone scores? And IOm thinking about buying M&S shares if they drop...

...I want it, where I want it? As of June 28, a new mass-market **Personalised Information** Broadcasting service, from MicroStrategy & Partners, will offer just that.

HereOs how it works. The **user** specifies the fields of information heOs interested in, plus the desired delivery **channel** **E e - mail**, Web, **mobile phone**, fax, and so on E and MicroStrategy does the rest. Using a mega global data...

...advertising messages, but only those ads which directly address the preferences previously stipulated by the **subscriber** : something which Sanchez hopes will transform advertising from Oa bothera to a value-added insight0...

...are huge. Organisations can strip out huge costs while increasing the relevance of their communications.

Consumers can benefit from lower prices, saved time, improved convenience, and less stress. The race to...

PRODUCT NAMES: *7310000 (Advertising **Services**)

NAICS CODES: 5418 (Advertising and Related **Services**)

21/3,K/13 (Item 4 from file: 570)

DIALOG(R)File 570:Gale Group MARS(R)

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01513913 > Supplier Number: 45833533 (USE FORMAT 7 FOR FULLTEXT)

NETWORKMCI: MCI LAUNCHES ENHANCED NETWORKMCI BUSINESS COMMUNICATIONS SOFTWARE; VERSION 3.0 INTEGRATES E-MAIL, FAX AND PAGER MESSAGING, DOCUMENT SHARING & INFORMATION SERVICE INTO STREAMLINED, VALUE-ADDED COMMUNICATIONS TOOL FOR BUSINESS

EDGE, on & about AT&T, v10, n374, pN/A

Oct 2, 1995

Language: English Record Type: Fulltext

Article Type: Company profile

Document Type: Newsletter; Trade

Word Count: 992

(USE FORMAT 7 FOR FULLTEXT)

...MCI LAUNCHES ENHANCED NETWORKMCI BUSINESS COMMUNICATIONS SOFTWARE; VERSION 3.0 INTEGRATES E-MAIL, FAX AND PAGER MESSAGING, DOCUMENT SHARING & INFORMATION SERVICE INTO STREAMLINED, VALUE-ADDED COMMUNICATIONS TOOL FOR BUSINESS

TEXT:

...MCI's integrated software package that offers U.S. businesses integrated e-mail, fax and **pager** messaging; document and videoconferencing; personalized information and retrieval **services** , and Internet connectivity in an easy-to-use communications suite.

... graphical Internet browser and dial-up access package, 7 an easy-to-use, customizable graphical **user** interface with a floating toolbar.

In addition, MCI provides a free upgrade for current networkMCI Business **users** .

"With this new release, MCI has made an already easy-to-use and effective communications...

...American companies need to effectively manage their business. From the industry's first fully integrated **e - mail** , fax and **pager** messaging product; to the capability to search for specific news articles from more than 10...

...can automate, expand and manage their electronic information retrieval and delivery capabilities. For a monthly **fee** , networkMCI Business provides news reports, delivered twice daily and compiled from leading wire **services** including Reuters and Associated Press, **databases** , magazines, newsletters and more than 10,000 other information resources.

These "newsfeeds" are **user** -specific and produced through intelligent agents according to individual **user** profiles. News from more than 25

industry categories, key industry terms, and company or product...
...text articles delivered via e-mail. For immediate notification of vital news or stock quotes, **subscribers** can also designate infoMCI to "flash" this important information to a networkMCI Paging or SkyTel text **pager**.

With infoMCI **users** can have up to 20 separate profiles to track industries of interest or **customer** news. A new retro-search capability can look back up to one year on specific...

...such as Dun & Bradstreet reports. In addition, weekly Business Focus Columns are included at no **charge**. infoMCI also delivers optional daily abstracts from leading newspapers including The Wall Street Journal, The...

...The Washington Post, making infoMCI one of the most comprehensive and affordable news and information **services** available today.

EASY MANAGEMENT OF E-MAIL, FAXES & **PAGES** networkMCI Business provides the industry first's universal front-end **user** interface that simplifies all electronic messaging. messageMCI integrates **e - mail**, fax and **pager** messages, making it easy to send, receive and sort messages via a single inbox and **user**-defined filing system. The integrated address book organizes and stores electronic addresses for MCI Mail, Internet and other major e-mail systems, as well as fax and **pager** numbers. With a simple point and click, notes can be forwarded instantly to a list of recipients who get messages either via **e - mail**, fax or **pager**, wherever they're relocated.

To ensure that paging messages are received, **users** can use messageMCI to dial out from their PC to recall **pages** from the networkMCI Paging or SkyTel paging system up to 99 hours after they were sent. This feature allows **subscribers** access to messages if they were on a plane or otherwise outside of a service...

...solution dramatically simplifies Internet access and resolves security-related concerns that have prevented many potential **users** from taking advantage of electronic commerce. In a matter of minutes, **users** can connect to the Internet at speeds up to 28.8 kbps, easily send and...

...the graphical World Wide Web using the secure internetMCI browser software.

UPGRADE FREE FOR CURRENT **USERS** MCI is extending a unique offer to existing **customers** of networkMCI Business by providing the new version of the product free to current **users**. New **customers** may purchase the software for \$100 from MCI by calling 1-800-955-6505.

networkMCI Business **users** receive **customized news** and reports for a monthly **charge** of \$35 if they are an MCI Vision, Vnet or networkMCI Calling for Small Business long distance **customer**, and \$45 if they are a non-MCI business **customer**. Internet access from MCI is \$9.95 per month, which includes five hours of local access, additional hours are \$2.50 each.

Users can also access the Internet via MCI's 800 service for \$6.50 per hour...

...three-year agreement for as low as \$120 a month. MCI also provides networkMCI Business **users** 24-hour **customer** service, seven days a week via a toll-free number.

EVENT NAMES: *600 (Market information - general); 360 (**Services** information)

PRODUCT NAMES: *7372600 (Computer Network & Communications Software); 4811500 (Specialized Telecommunication **Services**); 4838010 (Paging **Services**); 7375000 (**Database** Providers)

NAICS CODES: 51121 (Software Publishers); 51331 (Wired Telecommunications Carriers); 513321 (Paging); 514191 (On-Line

Information **Services**)

21/3,K/14 (Item 5 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
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00008531 Supplier Number: 47904410 (USE FORMAT 7 FOR FULLTEXT)
**Audio Highway and National Public Radio Ink Pact to Provide NPR's Popular
Programming for Audio Highway's Listen Up Player**
PR Newswire, p0811LAM003A
August 11, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 729

... time, any place -- away from their PCs or car stereos."
Under the agreement, Audio Highway **customers** will gain access to
premiere NPR programs, including Morning Edition(R) and All Things
Considered...

...day; among other popular NPR programs.
"The biggest benefit this agreement offers to Audio Highway
customers is mobile access to popular daily and weekly broadcasts,"
Schulhof said. "For example, if a...

...us to provide programming to the widest possible audience."
The Listen Up Player is a **hand - held** , digital **device** that
delivers personalized audio content to the mobile market. With the
Listen Up Player and an Internet connection, **consumers** can select news
and information, music, entertainment, and other audio content from a
variety of...

...our list of content providers increases the variety of listening
material available to Audio Highway **customers** . In addition, the improved
sound quality Audio Highway offers to **customers** is an advantage for those
who listen to broadcasts over the Listen Up Player's...

...Associated Press, Brite Voice Systems, CNET, Enso, Newsweek On Air,
Penguin AudioBooks and others, offering **users** a virtual bookshelf of
audio content.

Audio Highway launched its audio-on-demand service Aug. 7 with a new
Web site (www.audiohighway.com). Interested **users** can register online,
download AudioWiz software and begin receiving **user** -selected audio
content directly to their PCs free of **charge** .

The Listen Up Player will be available in stores in late September
and will sell...

...products, focusing on the mobile environment. Audio Highway is
partnering with content providers to allow **customers** to choose, retrieve,
store and play back audio content using both Internet and broadband
delivery...

...PRODUCT NAMES: 4832000 (Radio Broadcasting); 3652000 (Records &
Tapes); 3651300 (Audio Tape Recorders & Players); 3573200 (Computer
Peripherals); 7375000 (**Database Providers**); 7310000 (**Advertising
Services**)
...NAICS CODES: Audio and Video Equipment Manufacturing); 33411 (Computer
and Peripheral Equipment Manufacturing); 514191 (On-Line Information
Services); 5418 (**Advertising and Related Services**)

21/3,K/15 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2006 ProQuest Info&Learning. All rts. reserv.

2004291 50375073

Technology puts info at fingertips

Sarles, Judy
Nashville Business Journal v16n9 p1
FEB 25, 2000
WORD COUNT: 781
DATELINE: Nashville Tennessee

TEXT:

...screen.

Nashville is one of the cities where GTE has just launched three mobile Internet **services** that should especially please business travelers. The cost of the **services** are in addition to **customers** ' regular rate plans.

...is \$3.95 per month and Wireless Office is \$4.95 per month. Minutes of **customers** ' rate plans are used as minutes for data calls and **charges** for additional minutes are the same as for voice calls.

GTE claims it's the...
...say Graham Hodges, GTE Wireless' business manager for Middle Tennessee. The technology reins in and **personalizes** all the **information** available on the Internet for use with wireless phones. The company has established a personal web **page** (www.mygtew.com) for **customers** to **customize information** on their desktop PCs to suit their exact needs and appear on their phone screens...

...designs and manages the web site.

Wireless InfoManager offers the service of viewing general and **personalized** Internet **information** along with **e - mail** on a digital **wireless - phone** screen through a microbrowser built into the phone. Also available with InfoManager is a full...

...Kyocera Corp. is on the edge of closing a deal to acquire Qualcomm's **Consumer** Products Division, which manufactures the 860 and 2760 phones.

Included with the Wireless InfoManager service...

...the ability to click simply from one item of related information to another. For instance, **customers** can find out with a few clicks on their wireless phones what movie theaters are...

...the movies and directions to theaters, The wireless phone can be physically dialed while a **user** is looking at an application.

Also available from GTE is Internet Text Messaging, which works...

...digital phone. It is available as part of Wireless InfoManager or as a separate service. **Users** can receive text messages and alerts through a beep on any events they choose, such...

...scores or news about a company. The events are selected through the My GTEW web **page** .

InfoManager is available anywhere GTE Corp. has Code Division Multiple

Access (CDMA) service. GTE CDMA...

...Wireless Office service, which requires the use of the Qualcomm 860 or 2760 phone.

The **services** will be upgraded and enhanced as new technology is ushered in.

Last fall, Sprint PCS...
...similar to GTE Wireless' Text Messaging and Wireless Office.

Besides Nashville, GTE is offering the **services** in its other digital markets, including Akron, Ohio; Austin, Texas; Cincinnati ; Charleston, S.C.; Chattanooga...

...is Quick Network Connection. It provides access to the Internet within six seconds without the **customer** paying for an online service. All that is needed is a web browser, according to...

...DESCRIPTORS: **Customer services** ;

21/3,K/16 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
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0735406 96-93921

US Order introduces revolutionary Internet-based service to smart telephone users in all 50 states for \$7.95 a month

Stern, Stephanie

PR Newswire (New York, NY, US) p1

PUBL DATE: 960906

WORD COUNT: 1,095

DATELINE: Herndon, VA, US, South Atlantic

US Order introduces revolutionary Internet-based service to smart telephone users in all 50 states for \$7.95 a month

TEXT:

...of US Order (Nasdaq: USOR), announced today the national roll-out of its SmartTime Internet **Services**, the first Internet-based service designed exclusively for non-PC information appliances.

Consumers, for the first time, will be able to retrieve selected information from the Internet without...
...computer by using a new generation of telephones, pagers and personal communicators. The SmartTime Internet **Services** provides access to an array of interactive **services**, including E-mail, on small screen devices, for a low monthly **fee** of \$7.95.

US Order President and Chief Operating Officer John Backus said, "Through the Internet today **consumers** have become accustomed to receiving instantaneous **personalized information** on their desktops. SmartTime Network's goal is to extend the delivery of that instantaneous **personalized information** beyond the desktop, to a variety of information appliances." These include such **consumer** devices as smart screen telephones, alphanumeric pagers, digital cellular phones and PCS phones, wireless digital...

...United States by the year 2000. Our mission is to deliver simple information and communication **services**, to these 30 million **customers**," Backus said.

The SmartTime Internet Service unveiled today includes an array of popular communication and information **services**. They are: unlimited E-mail delivery over the Internet; **sending** text messages to alphanumeric **paggers** directly from a phone keyboard; electronic directory assistance for phone numbers and addresses of almost...

...results and daily horoscopes.

"SmartTime Network's goal is to extend the delivery of instantaneous **personalized information** beyond the desktop, to a variety of telephones, pagers and other small-screen devices at a flat, all-you-can-use, \$7.95 per month. We do not plan to **charge consumers** for online connection time, nor do we plan to impose any per use **fees** for our applications. Our **services** harness the power of the Internet while making its presence invisible to the **consumer**. A SmartTime Internet **Services customer** who receives a stock quote, weather report, sports score, or sends E-mail, will not even know they are working with the Internet. Instead, using these **services** will be as easy as using the telephone," said Backus.

The SmartTime Internet Service will be marketed to **consumers** through third party device manufacturers and service providers. Colonial Data Technologies (Nasdaq: CDTX) is the...

...and Telesmart smart telephones. Active licensing discussions are also currently underway with other smart telephone, **pager** and personal communicator manufacturers, paging companies and telephone companies.

The power behind SmartTime Network is...

...different languages. Initial communication languages supported with today's release include the Bellcore Analog Display **Services** Interface (ADSI) and the US Order Simple Network Application Protocol (SNAP). By supporting the ADSI protocol, the SmartTime Internet Service will also be available to **consumers** who purchase the Northern Telecom PowerTouch 350 and the Philips P-100 smart telephones. Future...

...Welles, Executive Vice President and Chief Operating Officer of Colonial Data Technologies. "Our telephone company **customers** are looking for a superior product offering, with an open branding strategy, a simple and fair price and superior **customer** service. The SmartTime Internet Service satisfies all of these requirements, with a broad and useful...

...addition, telephone companies can brand the service bundle as they see fit, and the flat **consumer** pricing presents them with an opportunity to make money each month."

"Of equal importance, however, is **customer** service. The SmartTime Network computing environment is built to run continuously. Over a 12-month...

...the production system has achieved an uptime percentage above 99 percent. In addition, SmartTime Network **Customer** Relations Representatives are available to answer a **customer**'s call 24 hours a day, seven days a week, 365 days a year. During last year's record winter storm season, the Virginia-based **customer** service operation was open continuously. When our telephone company **customers** put their name on a product, this level of service is critical."

In August, US...

...growth prospects of the merged company, Gorog said.

US Order develops and markets products and **services** for the financial **services** and telecommunications industries. US Order's financial service products include bank-branded **customer** service, voice response systems and data translation systems. Its telecommunications products include the Intelifone and...

...interactive applications. Over 50 banks and telephone companies currently use the company's products and **services**.

Colonial Data Technologies designs, develops and markets telecommunications products that support intelligent network **services** being introduced by the leading domestic and international telephone operating companies. The company has concentrated its development and marketing efforts on products and **services** that supply Caller ID and other intelligent network **services**. The company also repairs and refurbishes telecommunications products for its **customers**.

"Safe Harbor" statement under the Private Securities Litigation Reform Act of 1995: This release contains...

21/3,K/17 (Item 1 from file: 476)
DIALOG(R)File 476:Financial Times Fulltext
(c) 2006 Financial Times Ltd. All rts. reserv.

0010520725 A200003292B9-52-FT

INSIDE TRACK: Underawed by the wireless web: In spite of all the hype about internet access by cell phone, the technology at present is strictly for gadget fans

LOUISE KEHOE

Financial Times, London Ed1 ED, P 17

Wednesday, March 29, 2000

DOCUMENT TYPE: NEWSPAPER; Features LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: INSIDE TRACK

Word Count: 982

ABSTRACT:

...Software & Computer **Services**, Internet

...Oracle subsidiary, showed me its version of a wireless internet portal. The company combines related **services** so that, for example, a **user** can look up skiing conditions, get directions to a ski resort and book a hotel ...

...s menu buttons.

But the information is displayed in text messages, with no embellishments. The **user** must first have entered his or her address, credit card number and other details using...

...has created a directory of wireless applications to encourage phone buyers to access the internet. **Users** can select their favourite wireless web **services** using a computer and then access these **services** via the mobile.

The company also aims to participate in "m-commerce" - selling via mobile ...

...com), a San Francisco start-up that is also less than a year old, aggregates **users** ' online accounts - credit cards, airline points and brokerage accounts, for example - to provide a "unified" view. This month the company launched its wireless web **services** aimed at internet content publishers.

"Imagine," Yodlee says, "giving your **customers** the power to check their flight numbers, look up rental car reservations, confirm hotels, and..."

...meetings with these three companies:

- * Cell phones are not designed to display text. Voice-enabled **services** , which OracleMobile and its rivals Phone.com and Infospace are pursuing, will be critical to the success of wireless web **services** .

- * There may be millions more cell phone **users** than personal computer **users** , but the first generation of wireless web applications is geared to people who use both...

...use in parts of the world that have low PC penetration are probably ill founded.

- * **Personalisation** of web **content** , a concept that has yet to live up to expectations on the "tethered web" **services** delivered to PCs, will be far more important on the wireless web because **users** will want to minimise "air time" **fees** .

- * Security will be critical on the wireless web because cell phones and other pocket-sized devices are more prone to theft or loss.

- * The wireless web will be a sales **channel** , rather than an information **channel** . With limited opportunities for advertising, information **services** will be forced to combine with e-commerce **services** .

- * Until the "**user** interface" - the buttons that must be **pushed** - on **cell phones** is standardised, the wireless web may be harder to navigate than the PC web.

- * The...

...the case has uncovered a fundamental difficulty. Although standards work to the advantage of computer **users** and many IT companies, they also tend to create dominant market players.

This will make...

...mediator, to arrive at a "remedy" that addresses Microsoft's alleged wrongdoings while also benefiting **consumers** and other industry parties.

Even in the unlikely event of a swift end to the...

...computer could signal a new cyberbattle.

The browser incorporates an "auction manager" feature that enables **users** to track and complete multiple internet auctions simultaneously. Similar functions offered by other software developers...

...the leading internet auction web site.

EBay claims that its objections reflect its concern that **consumers** should get the full advantage of all the information displayed on its own site. Microsoft...

PRODUCT/INDUSTRY NAMES: Information Retrieval **Services** (SC=7375...
...On-Line Information **Services** (NC=514191...

21/3,K/18 (Item 1 from file: 477)
DIALOG(R)File 477:Irish Times
(c) 2006 Irish Times. All rts. reserv.

00202461 99111600147 (USE FORMAT 7 OR 9 FOR FULLTEXT)

America Online details jobs for Dublin

COLMAN CASSIDY and MADELEINE LYONS

Irish Times, CITY ED, P 20

Tuesday, November 16, 1999

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: BUSINESS & FINANCE

Word Count: 466

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...site outside the US. It will develop and
localise AOL, CompuServe and Netscape branded Internet **services** for
the European market, including **client**, host, business systems,
e-commerce and infrastructure products.

The Dublin office, which currently employs 82...

...as our first international development site
because of the proximity to our rapidly growing European **customer**
base and the availability of good and qualified software
professionals," said Mr Ray Oglethorpe, president...

...was capable of
attracting household names in the field of high-technology that
provided international **services**.

AOL Europe started its Waterford operation just more than a year
ago and currently employs...

...last

November, shook up the global Internet industry by creating the
biggest provider of online **services** in the world. The company is
understood to have 18 million **subscribers** worldwide, with its instant
messaging service among its most interesting and successful
offerings.

By clicking on a friend's name on a "buddy list", **users** can send
an instant message to friends which appears on the recipient's screen
as the sender is writing the message. AOL says it has 30 million
instant message **users**.

According to Mr Oglethorpe, the company's focus is on making AOL
products as central...

...current plans to shed the Netscape
and CompuServe brands.

AOL is exploring wireless applications for **delivery** to **mobile**
phones and palm top devices.

Most of AOL's current revenues of \$2.6 billion are **subscription** based, but last year \$1 billion worth came from non- **subscription** sources, in particular advertising and commerce. This shift is likely to continue as AOL may move away from the **subscription** -based model to charging for new **services** , including **customised delivery** of **information** to **mobile phones** .

21/3,K/19 (Item 1 from file: 710)
DIALOG(R)File 710:Times/Sun.Times(London)
(c) 2006 Times Newspapers. All rts. reserv.

13256484

TIME TO PICK A PORTAL OR TWO;INTERNET

Times of London (TL) - Sunday, September 13, 1998

By: David Hewson

Section: Features

Word Count: 997

...if you want to go online today you need a PC and, for the average **user** , a modem hooked to a telephone line. The good news is that setting up access...

...tamper with the minutiae of your Net connection.

The Net's importance in today's **consumer** computing is underlined by the arrival this month of the machine tipped to revive Apple...

...internal modems, fast set-up wizards and rapid improvements in technical support, most new Net **users** find they go online in minutes instead of the hours it used to take.

The...

...what the industry calls "portals", sites combining news, information and search capabilities in a single **page** . You bookmark the site as your home **page** , the starting point for your surfing, while the portal owner rakes in the advertising it gets for the banners around its information **services** .

You will be directed to a default portal that depends on the ISP you use, but you can easily change your home **page** for somewhere better.

Britain has several portals. Microsoft's MSN site (msn.co.uk) has been redesigned and is an excellent place to start. You can tailor news and entertainment **services** , obtain business information and order a regional weather forecast.

The communications centre will let you...

... style listings. Excite has a useful, though fiddly, customisation feature allowing you to create a **page** with specific news, weather and foreign currency tables. It will monitor your share portfolio free of **charge** and give you an up-to-date valuation, although the coverage is patchy for Pep...

...Interactive Investor (www.iii.co.uk), which does a better job and offers extremely sophisticated **services** for the private investor.

Online banking is in its infancy in Britain. Several institutions, including...

... Scotland and Nationwide, are already online and most of their rivals intend to follow.

Shopping **services** are starting to develop a healthy presence after some thin early years. Smart Net stores...

...co.uk).

An Internet connection is no longer a novelty. Increasingly, the Web is delivering **services** that have a real value to everyday **consumers**.

21/3,K/20 (Item 1 from file: 711)
DIALOG(R)File 711:Independent(London)
(c) 2006 Newspaper Publ. PLC. All rts. reserv.

10785197

FOCUS: MOBILE KEY IS A KILLER APPLICATION

Independent (IN) - Wednesday, October 11, 2000

By: Gabi Thesing

Edition: FOREIGN Section: Business Page: 2

Word Count: 1,473

TEXT:

... up to award its third-generation mobile phone licences, which allow internet access and additional **services** over handsets. But analysts say the high up-front costs of the licences could be difficult to recoup because **consumer** take-up of these **services** may not be as enthusiastic as the telecoms companies believe.

There is no online service...

... a \$900 third-generation mobile phone a "must" for anybody. Rival technologies, which offer similar **services** cheaper, make the massive spend on licences seem a bigger gamble than anticipated.

... for what could be achieved with third-generation mobile telephony. They painted a picture where **consumers** would abandon PCs, televisions and newspapers and conduct their banking over the phone. They envisaged...

...on handsets 24 hours a day, 365 days a year.

In anticipation of cash-paying **consumers** lapping up these **services**, telecoms companies prepared glowing financial projections, including 80 per cent of **customers** using data **services** such as text messaging. On the back of these forecasts, they raised billions of pounds...

...generation isn't proved and no one knows by how much the average revenue per **user** is going to increase, there is no way they can afford not to offer the **services**. It would be very damaging to their brand." In Holland, five licences were auctioned but...

...3G system is likely to total 12bn euros made up of 7bn euros in licence **fees** and 5bn euros in network construction overheads.

The report states: "Let us take a best... 5bn euros of 3G network spending. Because the company has spent 7bn euros in licence **fees**, which generates no direct profits, the overall return on total investment (including the **fees**) will only be 24 per cent - nearly two-thirds below

the previous level."

Others say high up-front costs will spur telecoms companies into action to launch new and innovative **services** to recoup their 3G investments as quickly as possible. They point to the success of...

... internet-over-mobile offering, which has added 20 per cent to the average revenue per **user** of **customers**. This is wishful thinking on the parts of the companies, says Andreas Hoffmann, of German consultancy Mummert & Partner. He says fancy third-generation **services**, even in the medium term, will not find a mass market. "The corporate market will...

... high bandwidth applications such as videoconferencing and intranet access. But I can't really see **consumers** buying themselves expensive UMTS phones, just to send a video-postcard."

He says **consumers** will go for so-called "thin" data applications such as **personalised news services**, stock price alerts and general internet browsing. None of these require 3G technology, but an...

... modem on a PC, meaning it will serve the immediate needs of internet access and **e-mail** over your **mobile phone**.

EDGE is expected to be commercially launched around the same time as third-generation mobile **services** in 2002, but it is expected to be considerably cheaper than third generation. Stephane Piot...

21/3,K/21 (Item 1 from file: 471)

DIALOG(R)File 471:New York Times Fulltext

(c) 2006 The New York Times. All rts. reserv.

04070157 NYT Sequence Number: 000302001218 (USE FORMAT 7 FOR FULLTEXT)

TECHNOLOGY & MEDIA; We Now Interrupt Your Browsing for This Commercial Message

SUSAN STELLIN

New York Times, Late Edition - Final ED, COL 01, P 34

Monday December 18 2000

DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext

SECTION HEADING: SECTC

Word Count: 1240

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

...advertisements include pop-ups, small windows that appear on top of browser; interstitials, full Web **pages** that download, and superstitials, which download in less obtrusive manner; photo (M)

TEXT:

...interrupted by a few commercial messages.

This goes against the strongly held conviction among Internet **users** that information and **services** should be free and encumbered by advertising only discreetly -- if at all. Floundering dot-coms built on the hope of advertising revenue, however, are hoping **users** will change their minds.

Until recently, most Internet advertisements have been relegated to the margins of Web **pages** -- and easy to overlook. What advertisers want, these dot-coms have been painfully learning, are...

...say, advertisements are routinely placed in the midst of programming,

and for the most part **consumers** have come to accept the interruption.

"Rudely interrupted? Hey, we do that with radio, we...

...on advertising.

"All this free content isn't going to continue to be free unless users pay for it somehow, and the payment is advertising," Mr. Tchung said.

Newer types of...

...within the browser but appear in a window that overlays or replaces the one the **user** was viewing.

While there are many names that describe advertisements in the latter category, the...

...are small windows that appear on top of the browser; interstitials, which are full Web **pages** that download and appear within the browser as a **user** is moving from one **page** to another; and superstitials, a type of interstitial developed by a company called Unicast that...

...the viewer's attention more effectively than the banners that are usually found on a **page**'s margins.

While many sites have long used pop-up windows to promote their own **services** -- America Online, for example, uses pop-ups to inform members about new features -- only recently...

...now it is testing them with advertisers.

"MSNBC has been using pop-ups to give **consumers** the option to **customize** their **news** by ZIP code," said Mike Siegenthaler, the marketing manager for MSN sales. "The test this...

...up advertisements."

Part of the reason for the tentative nature of the strategy is that **consumers** are generally loath to have their browsing interrupted.

Both pop-ups and interstitials appear on...

...San Francisco, has developed the superstitial, which it describes as a "polite load." While a **user** reads one Web **page** and the Internet connection is idle, an advertisement downloads in the background. When the **user** clicks on a link to go to another **page**, the animated advertisement plays up to 20 seconds while the other **page** loads. Unicast requires advertisers to include a link that allows viewers to close the superstitial ...

...and pop-ups.

Unicast licenses its technology to Web publishers and advertising networks for a **fee** of \$5 for each thousand advertisements that run. Publishers and advertising networks then sell the...

...company of CMGI Inc., ran a pro bono superstitial for Rockthevote.org on its entertainment **channel** in early November. The goal of the nonpartisan campaign was to persuade 18- to 24...

...child holding a gun for example. They were overlaid by "yes" and "no" check boxes. **Users** who rolled their mouse over the "yes" box saw a message presenting one side of...

...to 20 percent. "It's becoming more of an accepted format both for advertisers and **users**," Mr. Bolte said.

That may be the case. But as the industry experiments with advertising ...

...that they need to be sensitive about how far they can go before alienating Web **users** .

"The advertising community obviously sees a lot of value in this medium" and is trying...

21/3,K/22 (Item 2 from file: 471)

DIALOG(R)File 471:New York Times Fulltext

(c) 2006 The New York Times. All rts. reserv.

04020606 NYT Sequence Number: 136522000710 (USE FORMAT 7 FOR FULLTEXT)

Untangling The Wireless Web; 'Next Big Thing' Has Big Promise But a Few Kinks

SAUL HANSELL

New York Times, Late Edition - Final ED, COL 02, P 1

Monday July 10 2000

DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext

SECTION HEADING: SECTC

Word Count: 1970

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

Creating **services** for wireless Internet devices that are as easy, useful and profitable as those offered by...

...overlooked; proponents are confident that Americans will put up with expensive, hard-to-use data **services** for the sake of mobility and that future technology will allow bigger screens, faster data...

CORRECTION:

...for wireless data communications misstated the range of the monthly prices for two-way paging **services** offered by three companies. BellSouth Wireless Data's service, with unlimited use, costs \$69.95...

TEXT:

...But today all the same hope and promotion are directed at a new generation of **services** offered through cellular telephones, pagers and myriad other radio-wave gizmos. All that is missing...
... the analogies to the wired Internet, it is likely to be much harder to create **services** for wireless devices that are easy, useful and profitable than it has been for the...

...while the browser software does not add to the price of a phone, most carriers **charge users** extra **fees** and per-minute rates to send or receive data.

As for devices like two-way...

...which have bigger screens and easier ways to enter text, the hardware and monthly service **fees** are even more costly than the cell phone **services** .

For that matter, it is not clear how much business can be done when it ...

...their mobility so much that they will put up with expensive, hard-to-use data **services** , just as they tolerate the static and cost of cell phones themselves. They point to the mobs of teenagers in Japan and Finland using **cell phones** to **send** wireless love notes with their thumbs.

America Online, for one, is making a big bet...

...like AT&T and Verizon Wireless. "You want utilitarian, personalized and actionable information."

Wireless Internet **services** have been available for several years, first in the form of radio modems for laptops...

...modem built in. So far, the Palm has attracted somewhat more than 100,000 wireless **customers**. More important, it has attracted a host of developers creating wireless **services**.

Amazon.com, for example, lets wireless Palm VII **users** search its huge selection of books and other products, read **user** comments and order with their one-click accounts. Web portals, including Yahoo and Excite at Home's Excite, enable wireless **users** to tap into **services** like e-mail and stock quotes. Other companies, like Omnisky and Go America, have introduced online **services** and clip-on modems that can provide wireless connections for existing hand-held devices.

But...

...and is the nation's largest wireless carrier, plans to do the same.

Faced with **customer** turnover and price wars, the carriers hope data **services** can help restore their profit margins. But they are taking sharply divergent approaches to designing and pricing their data **services**.

Some, like Sprint and Verizon, see wireless data as a major source of new revenue. They charge **customers** a monthly fee of \$7 to \$10 to gain access to data **services** and then a per-minute fee for each minute spent surfing or talking, with a...

...number included with the monthly service plan.

AT&T has a very different model. For **customers** who buy a new Web-enabled phone, the company will give unlimited free access to some 40 information and commerce sites. AT&T **customers** who want to use e-mail must pay \$7 a month, and **customers** who want both e-mail and the freedom to go to other wireless sites of...

...service through commissions from the sales Web sites make to AT&T's Web-phone **users**. It also hopes that **users** whose appetites are whetted by the free service can be persuaded to upgrade to the pay **services**.

It is unclear, though, how **customers** will react to AT&T's free offer as they discover that the wireless Internet the company promises does not include leading **services** like AOL and Amazon.com.

"Some of the carriers want to be the control points..."

...many minutes we rack up," he said. But over time, the company may experiment with **services** in which advertisements and commissions subsidize some or all of the air time, as AT...

...might benefit from these wireless deals. For now, the sites primarily want to retain their **customers** who happen to use wireless **services**, even if there is no immediate revenue to be gained.

Travelocity.com, the online travel...

...and click a button marked 'Later?' "

So far there are no banner ads on wireless **services**, but the Web sites are looking for ways to weave advertising in somewhere. Yahoo, for example, offers a service that will send brief news, weather or sports reports to **users**' phones, and those messages are sponsored by advertisers.

ZDnet, the technology information site, will also soon weave some advertising into the text of its articles about computers and technology that **users** read wirelessly. Later, ZDnet hopes to earn fees from referring **customers** to computer stores.

In short, the wireless strategy for most Web sites is to become...
...CAPTIONS: pg. C1); AT&T is at work on wireless Internet goggles that would let a **user** view Web **pages** while also seeing the outside world. (Naum Kazhdan/The New York Times) (pg. C4)

Chart...

21/3,K/23 (Item 3 from file: 471)
DIALOG(R)File 471:New York Times Fulltext
(c) 2006 The New York Times. All rts. reserv.

03916447\NYT Sequence Number: 671606990719 (USE FORMAT 7 FOR FULLTEXT)
TECHNOLOGY: Digital Commerce; It's beginning to look as if users would rather pay directly for services on the Internet than wade through advertising.

Denise Caruso

New York Times, Late Edition - Final ED, COL 04, P 6

Monday July 19 1999

DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext

SECTION HEADING: SECTC

Word Count: 955

(USE FORMAT 7 FOR FULLTEXT)

TECHNOLOGY: Digital Commerce; It's beginning to look as if users would rather pay directly for services on the Internet than wade through advertising.

ABSTRACT:

View that all Internet businesses must offer free, advertiser-supported content is under attack as **consumers** increasingly use Internet for transactions; number of people who click on banner ads has fallen sharply, software is emerging to block ads entirely and **consumers** seem willing to pay for subscriptions; investors remain reluctant to fund pay **services**; drawing (M)

TEXT:

...world that the only truly Internet-centered business model is one in which on-line **users** pay nothing for content.

But the facade of this piece of Internet mythology is sprouting...
... genre of software has emerged to block ads entirely.

Add to this mix a growing **consumer** perception that "you get what you pay for," and the free-content argument looks increasingly...

...the general manager for The Wall Street Journal Interactive Edition, agrees. The Interactive Journal and **Consumer** Reports, each claiming about 300,000 **subscribers**, paying \$59 and \$24 a year, respectively, are the largest pay sites on the Web...

...says Mr. Baker. "Everyone has ceased even trying to invent a service valuable enough to **charge** for. Even in the pawed-over area of personal finance, when you think of the **services** that haven't been done -- alerts and various other uses for the data they have...

...San Francisco-based company called Inquisit was forced to shut down its service to a **subscriber** base that once reached 5,000 with virtually no marketing. Inquisit indexed more than 400 sources of content, from news **services** to local newspapers around the world, and, for \$12.95 a month, compared the index with detailed personal profiles and delivered a **personalized** selection of **stories** or headlines immediately to **E - mail**

, **pager** or **cell phone**. When the company shut its doors, many of the **subscribers** said they would have paid several times the price for the service.

James Opfer, Inquisit...

...available now is Yahoo Alerts, which searches far fewer sources and delivers only to a **user**'s Yahoo mail.

"Two years ago, I told investors two things," says Mr. Opfer. "One...

...the herd mentality."

The reason for the industry's narrow view on payment for Internet **services**, according to the Journal's Mr. Baker, probably has as much to do with the...

...Internet funny money than it can ever hope to regain in sales of goods or **services**? What happens when the stock market regains its sanity and insists on profits?

The model...

Consumer Reports Inquisit Interactive Journal Journal Sony Online Entertainment Strategic News Service Online Wall Street Journal...

21/3,K/24 (Item 4 from file: 471)

DIALOG(R)File 471:New York Times Fulltext

(c) 2006 The New York Times. All rts. reserv.

03887765 NYT Sequence Number: 217271990415 (USE FORMAT 7 FOR FULLTEXT)

Web Phone: The Next Big Thing?

KATIE HAFNER

New York Times, Late Edition - Final ED, COL 06, P 1

Thursday April 15 1999

DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext

SECTION HEADING: SECTG

Word Count: 2410

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

...cellular telephones can retrieve information from World Wide Web and perform variety of other data **services**; sales are still low, but new all-in-one communications devices and organizers will soon...

...Web; analysts note that surfing with phone is not like surfing with desktop; say phone **users** can get bits and pieces of information from Web, like stock quotes and movie listings...

...cellular telephones can retrieve information from World Wide Web and perform variety of other data **services**; sales are still low, but new all-in-one communications devices and organizers will soon...

...Web; analysts note that surfing with phone is not like surfing with desktop; say phone **users** can get bits and pieces of information from Web, like stock quotes and movie listings...

TEXT:

...can retrieve information from the World Wide Web and perform a variety of other data **services**.

... Samsung Duette phone with Pocket Net from AT&T Wireless, but Pocket Net and similar **services** have yet to build a large following. Last year

only 203,000, or 0.3 percent, of the 64 million cellular **users** in the nation used Web-capable phones to pull information off the Web, according to...

...the same way they can surf with desktops, notebooks, sub notebooks or WebTV. What phone **users** will be able to get from the Web, analysts say, will be bits and pieces...

...functions and, most important, applications specifically designed for these devices. Software that offers specialized network **services**, like Internet access and E-mail, is very likely to make the everything phone attractive...

...much benefit to having the wireless Web link," said Paul E. Jacobs, president of Qualcomm **consumer** products. To prove his point, Mr. Jacobs described a recent meeting with industry analysts when...

...all these devices. Most companies offering Internet access from phones are quick to caution prospective **customers** that what these devices do is a far cry from Web surfing as most people...

...the quote, or clipping, minus the graphics-intensive trimmings usually included with a Web site. **Subscribers** to the Palm VII Web **services** will pay \$10 per month to transfer approximately 100 clippings to the device, or \$25...

...combine Palm technology, which it has licensed, with a phone, creating a device aimed at **consumers**.

Some of the other devices expected soon are slimmer than the Palm VII and more...

...hypertext markup language) format used to build Web sites, Unwired Planet's software gives a **user** access to the Web with a format called HDML, for handheld device markup language.

HDML...

...simpler and therefore easier to deliver to a relatively primitive cellular phone screen. What the **user** sees is a hierarchical menu -- with each choice you make, you delve deeper into a...

...network by the end of the year. It will integrate a digital phone, an alphanumeric **pager**, a two-way radio, an E-mail device and a microbrowser into a five-ounce...

...in Net mode, the Motorola phone fires up the Unwired Planet microbrowser and takes the **user** to a Web portal maintained by Netscape and Nextel. That portal sends **customized information** -- snippets of 1weather or financial news or stock quotes -- to the phone.

A new company called Air Flash...

...this summer.

Mr. Redman, of Yankee Group, contends that people are willing to get information **services** but that they are not willing to buy them. A Yankee Group survey found that **consumers** were interested in getting Web-based weather, directions, traffic conditions and directory information but that more than one-third said they would not be willing to pay an additional monthly **fee** for such information.

Beyond the questions of market acceptance, there are still technical hurdles to...

...CAPTIONS: market, 5 ounces.

Motorola i1000 Plus

About \$250, 5 ounces, has a phone and a **pager** and handles e-mail.

(David Corio for The New York Times) (pg. G1)

21/3,K/25 (Item 5 from file: 471)
DIALOG(R)File 471:New York Times Fulltext
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03725577 NYT Sequence Number: 463370971006 (USE FORMAT 7 FOR FULLTEXT)

AT&T Cellular Phone Service To Allow Links to the Internet

JOHN MARKOFF

New York Times, Late Edition - Final ED, COL 03, P 9

Monday October 6 1997

DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext

SECTION HEADING: SECTD

Word Count: 481

(USE FORMAT 7 FOR FULLTEXT)

ABSTRACT:

AT&T's Wireless **Services** Division is set to offer service that permits retail cellular phone **user** to tap into variety of information sources and electronic mail via Internet; has been offering...

TEXT:

AT&T's Wireless **Services** Division plans to announce today the retail introduction of a service that permits a cellular phone **user** to tap into a variety of information sources and electronic mail via the Internet.

The...

...to regular telephone charges. It has been available for more than a year to corporate **users**, but now AT&T will compete with a range of other providers of cellular and other wireless **services** to offer retail **customers** untethered access to the Internet.

... Pilot and portable computers.

The Pocketnet service is one of the first to offer computer **users** remote wireless access to the data on their own personal computers, and AT&T executives say that this feature will draw a much larger audience of **users** than the wireless E-mail **services** that are currently available.

The new AT&T phones initially will come with access to 25 data **services** that can be selected by **pushed** keys on the **cellular handset**. They include ESPN Sport Zone, Bloomberg, Internet information directories like Whowhere, Mapquest, the Jfax.com fax delivery service and Inquisit, an Internet news source that permits **users** to **tailor news** alerts.

The telephones will be priced at \$299. With an additional cable and an additional **charge**, it will be possible to connect portable computers to the AT&T network. The data **services** will be available in most major urban areas, with the notable exceptions of Los Angeles...

...around the country to the small screen in the new cellular handsets, which permit a **user** to see only three lines of data at a time.

At least one of the...

...who founded Radiomail but left the company last year, says that the need for such **consumer**-oriented data delivery schemes has been overblown. "A lot of this is foo foo and..."

AT&T Mitsubishi Mobile Computing Samsung Wireless **Services**

21/3,K/26 (Item 1 from file: 633)
DIALOG(R)File 633:Phil.Inquirer
(c) 2006 Philadelphia Newspapers Inc. All rts. reserv.

10691086

WEB AND WIRELESS: FUTURE'S TOP DUO

Philadelphia Inquirer (PI) - Sunday, July 9, 2000

By: Ted Sickinger, KNIGHT RIDDER NEWS SERVICE

Edition: D Section: BUSINESS Page: E03

Word Count: 920

TEXT:

...and checks his stock portfolio.

But right now, Orth - already a wireless-phone and Internet **user** - does not give the wireless Internet a second thought.

...in the U.S. have access to the Web. There are 80 million cell-phone **users** . It's only a matter of time before the two trends converge."

What we have...

...was no," he said. "A cell phone in 1985? No. As prices drop and the **services** get better, demand for this will explode."

However, to truly make the Internet fly, the industry may need to offer **customers** more than they are getting today, including higher data speeds, **personalized content** , slicker handsets, and, perhaps most important, cheaper prices.

Bill King isn't your typical wireless **user** . He already packs two cell phones, and his airtime tops 1,300 minutes a month.

But the Kansas City electrician speaks for many **consumers** when it comes to mobile data.

"How much is it?" he asked skeptically. "If they **charge** you by the minute, it's cheaper at home."

Accustomed to all-you-can-eat Internet access from home, most **consumers** are not inclined to fork over a monthly **fee** , then watch the clock tick as they access a five-line display of stock quotes, **e - mail** or shop on their **cell phones** .

According to Diercks, carriers risk stunting the growth of the market unless they adopt affordable, fixed-rate pricing plans.

Instead, carriers such as Sprint PCS have eliminated the monthly **fee** in favor of per-minute rates, allowing **customers** to use the minutes in their calling plan for either voice or data.

Chuck Levine...

... analysts say, carriers may have no choice but to offer unlimited access to high-end **users** . Convenience **users** , on the other hand, might pay for their use by the packet, or on a...

... where most people over the age of 15 own a cell phone, short-text messaging **services** are generating a fortune in wireless data traffic.

In the United States, the **services** are catching on with mobile

workers, who are less price-sensitive and need to access...

...the go.

But a recent study from Forrester Research found that only 8 percent of **customers** who own digital cell phones are interested in receiving mobile data **services**.

According to Mark Bregman, head of pervasive computing at IBM, wireless carriers are doing themselves...

... not about browsing to kill time. It's about doing something transactional."

Carriers point to **services** such as e-mail, flight reservations, comparison shopping, and movie and restaurant listings, and say it's only a matter of time before **consumers** are accustomed to using them.

By October 2001, the Federal Communications Commission has mandated that ...

... technology is in place, experts think we will see the rapid adoption of location-based **services**.

A bookstore, for instance, might be able to e-mail promotions, coupons and sale notices to **customers** who are driving by the store.

One hurdle is the huge installed base of wireless...

... and are not capable of receiving or sending any data, much less location-based information.

" **Consumers** are replacing their phones much more often these days," Bregman said. "By late this year..."

21/3,K/27 (Item 1 from file: 640)
DIALOG(R)File 640:San Francisco Chronicle
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07361084

LETTING COMPUTERS CHOOSE YOUR NEWS

San Francisco Chronicle (SF) - MONDAY, December 27, 1993

By: JOHN ECKHOUSE, Chronicle Staff Writer

Edition: FINAL Section: Business Page: D1

Word Count: 808

... or six topics they select from a list of some 700 computer-related subjects. Since **subscribers** rank the topics in priority order, no two people receive the same edition of HeadsUp.

The company's computers cull stories from more than 300 sources, including wire **services** like Associated Press and Reuters; trade journals like PC Week and Communications Daily; press releases, from both government and corporate sources; and television news programs.

"Many of our **subscribers** use HeadsUp as a safety net or insurance policy," said Yosi Amram, president of Individual...

... San Francisco Chronicle and a trade magazine, but there are 60 other major papers, wire **services** and trade periodicals they can't get to, so

they use us to make sure...

...dial a toll-free number, enter a code and the story is sent by fax. **Subscriptions** cost \$695 a year, including 160 full-text articles, or \$29.95 a month with...

... full-text article. Additional articles cost \$4.95 each, regardless of length. Part of the **fee** goes to the publication that supplied the article.

While the price seems high to some, it's not much more than the typical **charge** for industry insider newsletters that come out just once a month. Some **users** say the cost is insignificant because the information they receive helps them make better-informed decisions, reach new **clients** or close sales.

``I get stories I wouldn't otherwise see or at least I...

... stories are passed over to 100 personal computers, which package the right stories for each **subscriber** and transmit them all night long via fax, electronic mail or wireless transmission direct to **hand - held computers**. Individual Inc. guarantees **delivery** by 8 a.m. local time.

Amram claims that the SMART program is so intelligent that at least 70 percent of the stories perfectly match a **subscriber**'s profile -- and the percentage climbs over time as the computer watches to see which...

...Mike Tyson's rape trial because the jury foreman was an IBM employee and the **subscriber** wanted all news on IBM computers.

More than 30 newspapers already sell fax editions, but...

... certain stocks, sports, commodities and international stock markets. Depending on the topics selected, however, a **subscriber** might only receive one issue of Fax++ a month.

`` **Tailored information services** are a very good idea if each nugget contains enough information for a person to...

... news sources and such topics as the health care, automotive and defense industries.

``We expect **subscriptions** to really go crazy next year, in the tens of thousands,'' said Jim Leigtheiser, product...

DESCRIPTORS: BUSINESS; COMPUTERS; **SERVICES**; INFORMATION; NEWS; MICHAEL KELLY; INDIVIDUAL INC.; HEADSUP

21/3,K/28 (Item 1 from file: 702)
DIALOG(R)File 702:Miami Herald
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07659948
NEW SOFTWARE, ONLINE SERVICES CAN PROVIDE PERSONALIZED NEWS
Miami Herald (MH) - MON December 5, 1994
By: ROSALIND RESNICK Herald Columnist
Edition: FINAL Section: BUSINESS Page: 36BM
Word Count: 1,065

NEW SOFTWARE, ONLINE SERVICES CAN PROVIDE PERSONALIZED NEWS

... delivered via wireless pagers, personal digital assistants and other hand-held communication devices, personalized news **services** offer the convenience of news delivered to your car, plane or hotel room.

Personalized news **services** are no futuristic fantasy. They're here today. Over the last few months, AT&T...

... in conjunction with Sony's debut of its new Magic Link personal digital assistant, gives **users** access to such networks as America Online, Prodigy, Lexis/Nexis and the Internet.

Through a gateway connection to AT&T's EasyLink **Services**, **subscribers** will be able to send e-mail to other PersonaLink **users** as well as to **users** of the Internet, X.400 mail **services**, LAN-based mail systems such as Lotus Development's cc:Mail, and any fax machine...

... Personal Intelligent Communicator (the hardware the service runs on) will retail for \$995. InfoMCI, the **personalized news** service rolled out by MCI as part of its new NetworkMCI communications package, uses intelligent agent software to check up to 180 sources for news that fits the **user**'s profile.

To create a profile, **users** rank 15 predefined subject areas and list 10 keywords describing the news that interests them...

... summaries are delivered automatically, twice a day. The system can be set to alert the **subscriber** to news flashes about high-priority topics. The core package costs \$100, plus connection **charges** of \$50 to \$65 a month.

Dow Jones Business Information **Services** recently added an "on-demand" news and information service available by e-mail, fax, courier ...
...for \$4.95 to \$12.95, while corporate reports range from \$30 to \$50 each. **Users** seeking research help can call on "research consultants."

There also are "Editor's Choice" articles...

...make it into type.

For \$4.95 a month, selected articles and ads matching the **users**' profiles are sent directly to readers' mailboxes on America Online, the **consumer** online service where The Mercury News publishes its online edition. NewsHound soon will be available...

...of the era in which everybody in town woke up and read the same front **page** or gathered around the family television set, glued to a national news broadcast. Personalized news **services** spell doom for our nation's sense of community, they contend.

But if you've...

... town, you may relish the opportunity to get the news you want without having to **page** through an entire paper.

The bottom line: If enough readers order their news "to go..."

21/3,K/29 (Item 1 from file: 703)
DIALOG(R) File 703:USA Today

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08706819

Two-way pagers extend reach of handheld wireless gizmos

USA TODAY (US) - WEDNESDAY July 12, 2000

By: Edward C. Baig

Edition: FINAL Section: LIFE Page: 03D

Word Count: 1013

...numbers or a few lines of text.

In fact, I hesitate to use the term **pager** to describe these gizmos at all, though the bland name served up by the industry...

...Motorola and Research in Motion (RIM) provide a useful tool for business people and, increasingly, **consumers** who want to send and receive e-mail on the go. But by tapping on...

...your sweetie's voice.)

The wireless market is all tangled up right now, especially for **consumers** trying to sort through the players. As it is, most of the companies on the

... fray. In February, America Online announced plans to deliver e-mail, instant messaging and other **services** on a variety of wireless devices including the two-way handhelds. AOL, which has struck...

... wireless e-mail plans are still beyond the reach of Main Street. For example, Motient **charges** \$60 a month for unlimited messaging (plus \$350 for a RIM 850 Wireless Device).

BellSouth...

...uses the RIM 950 (\$369 to buy or \$20 a month to rent, plus activation **fees**). Pricing plans start at \$9.95 a month for 15,000 characters, making it useful mostly for numeric **pages**. Fifty bucks buys 300,000 characters; \$70, unlimited use.

For those more frugal about these...

...a two-way device called the Motorola Talkabout T900 Personal Interactive Communicator with wireless messaging **services** provided by WebLink Wireless. The Dallas company is aggressively going after **consumers** with the \$180 device, and monthly nationwide coverage service plans that start at \$15 for...

...the @airmessage.net suffix becomes your e-mail address. Callers also can leave a numeric **page** or voice mail, or dictate a message to an operator. (Then 'VN' and a phone...

... down the main menu to Send Message. In picking the destination, you can enter a **pager** number, **e-mail** address or wireless number. If you and your spouse both have devices, your Talkabout can...

... to be the most useful functions. WebLink also broadcasts free news, sports and weather. The **feeds** aren't customizable, so I had to scroll through lots of cities before finding a local forecast. Headlines don't count against your monthly message limit.

More extensive news **channels** are in the works, and they will count against your message tab. WebLink also struck...

... code, the local weather; 'fl ua 12,' airline flight arrival and departure information. Other OracleMobile **services** include UPS package tracking and a dictionary. Funny, but the latter failed to come up...

...com; \$180 plus \$15 to \$30 per month)

* Pro: Relatively inexpensive and reliable way for **consumers** to send and receive e-mail.

* Con: Doesn't let you access company

21/3,K/30 (Item 1 from file: 704)
DIALOG(R)File 704:(Portland)The Oregonian
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10250021

BOOM OR BUST: WHAT'S NEXT MOVE FOR PAGERS?

Oregonian (PO) - Tuesday, September 7, 1999

By: JENNIFER FILES - Knight-Ridder News Service

Edition: SUNRISE Section: BUSINESS Page: D01

Word Count: 877

TEXT:

Summary: Some say the industry will rebound from its past with new **services**; others say cell phones spell doom

The paging industry is trying to break away from...

Traditional **customers** will supply the steady cash to pay for advanced paging networks and develop premium-priced applications for **consumers** and corporations.

"It's going to be so exciting. It's the future of our...

...based PageMart Wireless Inc., a leader in the advanced messaging rally.

New products guarantee that **customers** will get their messages and will let them type in responses. Coming soon: a greater variety of information **delivered** to **paggers**, including sports scores, stock prices, driving directions and **weather information customized to subscribers'** tastes and location. Companies are also developing ways to use paging technology to monitor and...

...assembly lines costing as much as top-line wireless phones.

Competition could lead companies to **charge** below break-even for some advanced **services** -- the very trap that got paging into trouble in the first place.

Analysts say the...

...distances itself from its industry.

Vast has three divisions. One will sell name-brand information **services** to **consumers**, such as CNN or ESPN sports scores. A second develops customized applications for corporate **customers**, and a third will automatically format content or applications for use on a variety of different wireless networks making PageNet's competitors potential **customers**.

Knickrehm says that Vast will produce sales "in the double-digit millions" in 1999 mainly...

... cites better coverage, longer battery life and full-alphabet keyboards on new devices. But some **customers** say they only need one wireless device, and it will be a cell phone.

Some **customers** remain loyal to their beepers. "I don't want to have to carry that cell..."

... war back and forth," said Jean Tripier, director of corporate development. "We can let the **customer** decide."

21/3,K/31 (Item 1 from file: 713)
DIALOG(R)File 713:Atlanta J/Const.
(c) 2006 Atlanta Newspapers. All rts. reserv.

10750090

EBUSINESS NEWS ABOUT THE NET: 09.06.00

Atlanta Constitution (AC) - Wednesday, September 6, 2000

By: Patti Bond; Staff

Edition: Home Section: Business Page: D2

Document Type: Column

Word Count: 731

TEXT:

...pact

* PaperExchange yanks initial public offering

> SAVE TIME ONLINE: All stories and URLs on this **page** are one click away on ajc.com/enews HOT HOLIDAY\$: Online holiday sales should reach...

... have learned from their mistakes, spending much of the year improving what happens after the **customer** clicks the "buy" button. Smart move: By the end of this year, e-business research...

... hit 11 million. MORE SEARCHING ON AOL: GoTo.com Inc., a Web search engine that **charges** for placement in its listings, said Tuesday it will pay America Online Inc. \$50 million...

...www.goto.com WEATHER ON YOUR PALM: Coming soon to your Palm Vix --- the Weather **Channel**. The Cobb County-based company will give Palm **users** immediate access to current weather, seven-day forecasts and a unique feature --- "My Weather" --- that identifies the **customer**'s geographic location by the nearest cell tower and automatically presents the weather for that...

... s largest mobile phone company plans to team with Microsoft Corp. to develop wireless Internet **services**. Vodafone Group PLC of Great Britain said **consumers** will use familiar Microsoft Outlook functions to send and receive **e-mail** from a range of **mobile devices**, as well as access Microsoft Exchange-based calendar, contacts and **personalized Web content**. Vodafone and rival British Telecommunications PLC, the largest phone company in the United Kingdom, are...

... to help senior citizens and their families with an online resource for housing options. The **database** includes 37,000 senior living facilities, from nursing homes to retirement communities. The Atlanta-based Internet company plans to add financial and funeral planning **services** to the site. www.planningplace.com EVENTS THE STORY OF E-BOOKS: Forbes.com hosts...

Set	Items	Description
S1	2657	PERSONALIZ? OR PERSONALIS? OR INDIVIDUALIZ? OR INDIVIDUALI- S? OR TAILOR OR TAILORED OR CUSTOM OR CUSTOMI?E OR CUSTOMI?ES OR CUSTOMI?ED OR CUSTOMI?ING
S2	17520	INTELLIGENCE OR INFORMATION OR CONTENT OR NEWS OR WEATHER - OR SPORTS OR STORIES OR (INFORMATIONAL OR TRANSACTIONAL) (1W)D- ATA
S3	1629	SUBSCRIPTION? ? OR PAY(1W)VIEW OR FEE OR FEES OR CHARGE? ?
S4	15676	CHANNEL? ? OR DATABASE? ? OR PAGE? ? OR FEED OR FEEDS OR S- ERVICES
S5	7848	EMAIL??? OR E()MAIL??? OR FORWARD???? OR SEND???? OR TRANS- MIT OR TRANSMIT??? OR DELIVER??? OR PUSH?? OR BROADCAST???
S6	2561	(HAND()HELD OR HANDHELD OR CELL OR CELLULAR OR CORDLESS OR MOBILE OR PORTABLE OR WIRELESS OR OUTPUT) (1W) (APPARATUS? OR - COMPUTER? OR DEVICE? ? OR EQUIPMENT OR ORGANIZER? ? OR TERMIN- AL? ? OR FONE? ? OR PHONE? ? OR TELEPHON? OR HANDSET? ?) OR P- DA OR PDAS OR
S7	20552	SUBSCRIBER? ? OR USER OR USERS OR CONSUMER? ? OR CUSTOMER? ? OR CLIENT? ?
S8	1073	S1(S)S2
S9	95	S8 AND S6
S10	5	S9 AND S3

File 256:TecInfoSource 82-2006/Jan
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10/3,K/1

DIALOG(R)File 256:TecInfoSource
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00160737 DOCUMENT TYPE: Review

**PRODUCT NAMES: Microsoft Corp--Company News (850195); Third Screen
Media--Company News (886301); Mobile Advertising (820213)**

TITLE: MSN Is in Talks To Buy Provider Of Wireless Ads

AUTHOR: Sharma, Amol; Guth, Robert A

SOURCE: Wall Street Journal, v247 n122 pB1(2) May 25, 2006

ISSN: 0193-2241

HOME PAGE: http://www.wsj.com

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

REVISION DATE: 20060900

...Third Screen Media, a small private firm that provides wireless Web site advertising for major **content** providers including The **Weather** Channel and USA Today. Such an agreement would allow Microsoft to get its foot in

...Interest in companies such as Third Screen Media is indicative of the increasing momentum of **cell phone** advertising with **content** providers, advertisers, and major brands. Advertisers are understandably hot on the market since so many consumers own **cell phones**. Most users cannot bring their PCs and TVs with them all day, but **cell phones** are a different story, and this makes them the perfect medium for continuous channel marketing...

...can potentially obtain a large amount of data on the wireless audience and can, therefore, **tailor** ads based on usage **information**, demographics, and the physical locations of users. **Content** publishers are excited about the potential for critical revenue sources that advertising brings to the...

...an advertising-supported model by being able to offer less expensive, or even free-of- **charge content** access.

DESCRIPTORS: Advertising; Cell Phones ; Mergers & Acquisitions

10/3,K/2

DIALOG(R)File 256:TecInfoSource
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00158308 DOCUMENT TYPE: Review

**PRODUCT NAMES: ESPN Mobile (253288); MVNO (Mobile Virtual Network
Operator) (848964)**

TITLE: Mobile ESPN: Let The Games Begin!

AUTHOR: Lewis, Peter

SOURCE: FORTUNE, v153 n2 p121(2) Feb 6, 2006

ISSN: 0015-8259

HOME PAGE: http://www.fortune.com

FILE SEGMENT: Review

RECORD TYPE: Review
GRADE: A

REVISION DATE: 20060800

...s Mobile ESPN, which is a mobile virtual network operator (MVNO), is an excellent branded **mobile phone** that leverages ESPN's sporting cache and provides janytime, anywhere access to real-time scores, statistics, **news**, analysis, and **sports** video highlights.k The phone can ring with the fight song of the fan's team, and the fan can use Mobile ESPN to get on-the-spot **information** needed to settle a bet. The phones also give the user a powerful advantage in running a fantasy **sports** team. According to market researchers, over 15 million Americans spend hours every week to manage fantasy **sports** teams. Mobile ESPN will debut nationally on Super Bowl Sunday, with a **mobile handset** and a monthly service **fee** based on the number of voice minutes. All plans will include unlimited access to the **sports** service, which is set at up to 35MB of downloads per month. The pricing is between \$10 and \$50 per month higher than comparable non-**sports**-service plans. ESPN will be in the phone business, along with many other familiar brands...

...all the back-end network work, such as billing and technical support. Some services add **content** or services for niche markets, including music, **sports**, comedy, or videogames, and some leverage the brand name. jMobile ESPN is a winner, and a good example of the coming era of highly **personalized** phones and mobile **content** services.k

DESCRIPTORS: **Cell Phones** ; Content Delivery; Sports

10/3,K/3

DIALOG(R) File 256:TecInfoSource
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00158208 DOCUMENT TYPE: Review

PRODUCT NAMES: **MVNO (Mobile Virtual Network Operator) (848964)**

TITLE: **Battle rages for the luxury phone market**

AUTHOR: Kim, Ryan

SOURCE: San Francisco Chronicle, pC1(2) Jan 2, 2006

HOME PAGE: <http://www.sfgate.com>

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

REVISION DATE: 20060800

...player in the new cellphone carrier segment called mobile virtual network operators, offers subscribers a **personalized**, **sports**-centered alternative to the large national cellphone operators. Subscribers will be able to watch SportsCenter...

...Various other mobile virtual network operators, who purchase wholesale minutes and data from the large **cell phone** carriers, will also use those minutes to market cellphones and service for niche audiences. The...

...believe that the larger cellphone carriers have overlooked the market for those who want a **personalized** cellphone experience. Because so many in the U.S. already have cellphones, says an analyst...

...the last customers they need to offer more than just a mass approach.k
The **personalized** operator market also includes low-cost prepaid carriers,
including 7-Eleven's wireless service, but ESPN, for instance, will **charge**
more for phones and basic service, and Voce, a luxury brand, offers
service for a...

DESCRIPTORS: **Cell Phones** ; Content Delivery; Wireless Communications

10/3,K/4

DIALOG(R)File 256:TecInfoSource
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00151284 DOCUMENT TYPE: Review

PRODUCT NAMES: NewsGator 2.0 (189103)

TITLE: RSS Delivery Gets Around with NewsGator Upgrade

AUTHOR: Miller, Ron

SOURCE: eContent, v27 n3 p7(2) Mar 2004

ISSN: 0162-4105

HOME PAGE: <http://www.econtent.com>

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20040730

...0 upgrade, says the operator of Lockergnome's RSS Resource (a site dedicated to RSS **information**), will be much more powerful and advanced than other **news** aggregators. New features include a **subscription** -based online service that provides access to exclusive **content** , the ability to view RSS feeds from just about any device from any location, and the capacity to extend NewsGator to run with enterprise data delivered as RSS feeds. **News** aggregator software reads and displays **content** that is delivered as an RSS feed, which is an XML standard for **content** syndication. NewsGator 2.0 goes beyond Outlook to run from any POP3 mail client, a Web-enabled client, and a mobile edition that runs on any Web-ready **mobile device** . Therefore, RSS feeds are available from any location. A new synchronization system means that users...

...for access to NewsGator 2.0. Also provided in NewsGator 2.0 is an online **subscription** service that proves access to exclusive online **content** that can include not only technical **content** from CMP and InfoWorld, but also such **content** as Full Tilt Features comic strips licensed from publishers. Although RSS is perceived as being only for techies, NewsGator 2.0 is meant to provide more mainstream **content** . Users have access to **custom** searches, and a built-in set of application program interfaces (APIs) in NewsGator 2.0...

DESCRIPTORS: Blogs; Content **Subscription** ; Information Retrieval; News Services; RSS (Really Simple Syndication)

10/3,K/5

DIALOG(R)File 256:TecInfoSource
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00147881 DOCUMENT TYPE: Review

PRODUCT NAMES: Mobile Computing (843407); Patient Care (830347)**TITLE: mobile content goes to the doctor**

AUTHOR: Miller, Ron

SOURCE: eContent, p52(5) Aug/Sep 2003

ISSN: 0162-4105

HOMEPAGE: <http://www.econtent.com>

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20031030

...are all technologies that can be important for their ability to connect doctors to patient **information** at a moment's notice through a **personal digital assistant (PDA)**. Organizations are now implementing mobile applications that link directly to the medical **information** infrastructure so that staff can access more specific patient **content**, including admissions **information**, lab results, and prescription histories. Medical professionals also can use the **PDA** to enter **charge** data immediately, which provides a handy and dependable way to capture chargebacks. Dr. John Halamka, CIO for Harvard Medical School and CareGroup Healthcare, says the Palm is doctors' favorite **PDA**, but Windows CE-based devices are gaining ground, but doctors still like the small, pocket...

...life than the Microsoft Pocket PC. Halamka also uses Palm handhelds with ePocrates with CareGroups' **custom** prescription formulary to help keep the price of drugs down. Among topics covered by physicians and industry experts are integrating with the enterprise and capturing **charges**. For instance, a **charge** capture application helps gather service **charges** at the point of care, which is preferable to physicians filing little slips of papers...

Databases selected: Multiple databases...

IFN'S InfoGate(TM) to Carry American Banker; Thomson Service to Feature All of its Products on New Platform

PR Newswire. New York: Mar 9, 1998. pg. 1

Companies: American Banker, Inc., Internet Financial Network, Inc.

Dateline: *New York*

Publication title: PR Newswire. New York: Mar 9, 1998. pg. 1

Source type: Wire feed

ProQuest document ID: 27014091

Text Word Count 600

Document URL: <http://proquest.umi.com/pqdweb?did=27014091&Fmt=3&clientId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

NEW YORK, March 9 /PRNewswire/ -- Internet Financial Network, Inc. (IFN) announced today that American Banker, Inc. has agreed to provide all of its 18 publications in electronic form on InfoGate.

"We are very pleased to have American Banker and its rich content sources on InfoGate's dynamic Internet delivery platform," said Cliff Boro, chairman and chief executive officer of IFN. "InfoGate will carry the latest versions of these publications as well as a 30-day archive of previous issues," added Boro. "And, like the other services on InfoGate, content from American Banker's publications will have real-time plain text search capability using Oracle's powerful ConText search engine."

"We are happy to make American Banker information available on InfoGate," said Tracy Gross, director of electronic publishing. "We also wish IFN success as it launches InfoGate to the investment, legal and corporate communities."

Full Text (600 words)

Copyright PR Newswire - NY Mar 9, 1998

Industry: BANKING/FINANCIAL SERVICES; INTERNET MULTIMEDIA ONLINE

NEW YORK, March 9 /PRNewswire/ -- Internet Financial Network, Inc. (IFN) announced today that American Banker, Inc. has agreed to provide all of its 18 publications in electronic form on InfoGate.

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"We are happy to make American Banker information available on InfoGate," said Tracy Gross, director of electronic publishing. "We also wish IFN success as it launches InfoGate to the investment, legal and corporate communities."

IFN expects InfoGate to become the "distributor of choice for information providers" since with InfoGate, providers control all aspects of delivering, pricing and marketing their content through subscriptions and pay per view information events. And, unlike traditional content aggregators saddled with outdated communications infrastructures, InfoGate's state of the art software uses the Internet as a real-time communications medium to receive as well as distribute proprietary information at up to four times the speed of the Web.

In addition to carrying IFN's own SEC services, EdgarWatch and the IIA Award-winning Instant News, Boro noted that InfoGate's first stage content providers are expected to include American Banker, CDA/Investnet, Comtex Scientific

Corporation, First Call Corporation, Investext, Net Earnings, Securities Data Company and Standard & Poor's. "IFN has commenced an aggressive InfoGate Content Partner program," he added. "With the product's ability to dynamically add additional content providers, we expect our news sources and financial information contributors to grow geometrically over the next year."

American Banker, Inc. publications are leading sources of information in the banking and finance industries. American Banker publishes a variety of industry titles including American Banker, The Bond Buyer, Securities Industry News, Future Banker and 14 newsletters covering capital markets, regulatory issues and insurance. In addition to publishing, American Banker hosts several key industry conferences.

American Banker is the only daily newspaper providing detailed, in-depth coverage of the constantly changing banking and financial services marketplace. For over 160 years, the newspaper has reached the top executives and decision-makers in banks and other financial institutions across the nation.

The banking industry newspaper's coverage includes Washington, regional and community issues, particularly on political and regulatory matters. The paper also covers new industry technology, news on investment products, mortgages, corporate finance and a Market Banking Monitor. International coverage has been expanded and "Digital Frontiers," a new electronic commerce section featuring news on Smart Cards and Online Banking, was recently launched.

American Banker is a unit of Thomson Financial Services, a leading provider of quality financial information, research, analysis and software products to the worldwide financial and corporate communities. The Company's present readership includes commercial and investment banks, insurance companies, mutual fund organizations, consulting agencies, technology vendors, government agencies, foreign banks, accounting firms and brokerage firms.

IFN was founded in 1994. The Company has offices in New York City and Ft. Lauderdale, FL. In addition to InfoGate, IFN's products include EdgarWatch, Instant News (which also is offered over the ILX, ADP, and SIGNAL market quote platforms), Smart Edgar, and Smart Edgar News, a delayed news service similar to Instant News, which is available on Lycos StockFind. The Travelers Group (NYSE: TRV) and Data Broadcasting Corporation (Nasdaq: DBCC) together hold a controlling equity interest in IFN. SOURCE Internet Financial Network, Inc.

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[Text-only interface](#)

ProQuest

[<< Back to Document View](#)Databases selected: Multiple databases...

Personalized Dow Jones News Available With InfoGate

PR Newswire. New York: Mar 9, 2000. pg. 1

People: Pace, Thomas

Dateline: *New York*

Publication title: PR Newswire. New York: Mar 9, 2000. pg. 1

Source type: Wire feed

ProQuest document ID: 50880518

Text Word Count 388

Document URL: <http://proquest.umi.com/pqdweb?did=50880518&sid=3&Fmt=3&clie ntlid=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

NEW YORK, March 9 /PRNewswire/ -- Selected information from the Dow Jones News Service (NYSE: DJ), the premiere real-time financial and business news source, will be available through InfoGate ([http:// www.infogate.com](http://www.infogate.com)), Internet Financial Network's (IFN's) new, easy- to-use, personalized information service and desktop tool. InfoGate delivers quotes and news from premium sources in combination with some of the Web's best content. InfoGate users will have the ability to personalize the news they receive from Dow Jones, selecting up to 30 companies to follow.

"InfoGate offers a winning combination of great content in an easy and elegant interface," said Thomas Pace, president and chief operating officer, IFN. "Now, consumers can track their portfolios or watch lists and get a truly exceptional user experience."

Full Text (388 words)

Copyright PR Newswire - NY Mar 9, 2000

NEW YORK, March 9 /PRNewswire/ -- Selected information from the Dow Jones News Service (NYSE: DJ), the premiere real-time financial and business news source, will be available through InfoGate ([http:// www.infogate.com](http://www.infogate.com)), Internet Financial Network's (IFN's) new, easy- to-use, personalized information service and desktop tool. InfoGate delivers quotes and news from premium sources in combination with some of the Web's best content. InfoGate users will have the ability to personalize the news they receive from Dow Jones, selecting up to 30 companies to follow.

"InfoGate offers a winning combination of great content in an easy and elegant interface," said Thomas Pace, president and chief operating officer, IFN. "Now, consumers can track their portfolios or watch lists and get a truly exceptional user experience."

With InfoGate, you can track selected news stories from Dow Jones and other premiere sources, and:

- Make it personalized to your interests , receiving stories for as many
as 30 companies
- Have it delivered to your desktop
- See the headlines, news summaries and full text, displayed the way you
want, when you want
- Integrate the information with desktop applications like Microsoft's

Word and Excel.

How it works:

InfoGate frames the top and bottom one-inch of the user's computer screen. The user automatically receives information tailored to the user's interests, including alert features set by the user. After information is received, an action bar prompts the user to get more related information, execute a transaction, e-mail the information, find a related message board or work with the information in connection with desktop tools like Microsoft Word, Excel and others. User selected headline news and delayed quotes are displayed in scrolling fashion on the lower one-inch bar.

How to obtain InfoGate:

- Log onto <http://www.infogate.com>
- Complete the easy registration process, that lets you personalize your information
- Download InfoGate (less than 500K)

InfoGate is the flagship product of Internet Financial Network (IFN). IFN develops personalized information products and tools for Internet users and aggregates, creates and distributes real-time, unique, premium, financial, business and general news content. Major investors in IFN include Citigroup (NYSE: C), Data Broadcasting Corporation (Nasdaq: DBCC) and the Trump Group. IFN also owns WhisperNumber.com, the leading Web site providing investor sentiment metrics concerning stock earnings, IPO prices and economic indicators. SOURCE InfoGate

[Reference]

Message No: Industry: BANKING/FINANCIAL SERVICES; INTERNET MULTIMEDIA ONLINE;

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Entrypoint and Internet Financial Network Agree to Merge Creating Infogate

PR Newswire. New York: Oct 11, 2000. pg. 1

Subjects: Online information services, Acquisitions & mergers

Classification Codes 8331, 2330, 9190

Locations: New York City New York

Companies: Infogate Inc (NAICS: 514199, 514210) , EntryPoint Inc (NAICS: 514199) , Internet Financial Network (NAICS: 514199)

Document types: News

Dateline: New York, California

Publication title: PR Newswire. New York: Oct 11, 2000. pg. 1

Source type: Wire feed

ProQuest document ID: 62417683

Text Word Count 518

Document URL: <http://proquest.umi.com/pqdweb?did=62417683&sid=3&Fmt=3&clie ntlid=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

Infogate delivers personalized, timely news and information directly to users' desktops via the Internet. The company's flagship product, Infogate 4.0, is a free information service offering users a streaming, up-to-the-minute feed of personalized content including, news, business information, real-time stock quotes, sports and entertainment. In addition, Infogate offers users powerful alerting functionality that notifies them of news and information relevant to their interests as it happens, in an active manner. Infogate has dual headquarters in San Diego and New York, and its major investors include idealab!, Citigroup, and The Trump Group. SOURCE Infogate, Inc.

Full Text (518 words)

Copyright PR Newswire - NY Oct 11, 2000

New Company to Deploy Best-of-Breed Personalized News

And Alerting Service to More Than One Million Users

NEW YORK and SAN DIEGO, Oct. 11 /PRNewswire/ -- Internet Financial Network, Inc. and EntryPoint Incorporated today announced that they have agreed to merge their existing business operations into a newly created entity, Infogate, Inc. The flagship product for the new company, Infogate 4.0, will combine the best features from the pre-existing companies' products and is expected to launch with an installed base of more than one million users later this month.

Infogate 4.0 will offer a broad combination of premium content spanning the worlds of business and finance, general news, sports and entertainment, delivered to users' desktops through a one-inch scrolling ticker which frames the desktop. The existing products competed in the Internet toolbar category, combining web-based delivery of personalized news and information, with a thin-client software front-end.

"EntryPoint has been a formidable competitor in the general news and content space. The synergies between our two companies are strong, and our two sets of content compliment each other well. With the release of Infogate 4.0, we have a product that is substantially greater than the sum of its parts, and with the merger, our new company will be positioned to expand our alerting services which are central to our future product focus," commented Clifford T. Boro, Executive Chairman of Infogate.

Infogate will be backed by such key investors as idealab!, Citigroup (NYSE: C), and The Trump Group. The new firm will have dual headquarters in New York and San Diego and will be managed by a three-person Office of the Chairman

comprised of the leaders of the two merging companies: Clifford T. Boro, Executive Chairman; Francis Costello, CEO; and Thomas Pace, President.

"With an installed base of more than one million registered users, and its persistent presence on the desktop, Infogate 4.0 offers sponsors and advertisers an opportunity to enhance their relationships with existing customers and reach a large group of potential new customers," said Francis Costello, CEO of Infogate.

Infogate 4.0 will be distributed through the company's Website, <http://www.infogate.com> and via affinity marketing arrangement with various sponsors. Existing sponsors and business partners for Infogate 4.0 include Salomon Smith Barney, Wit SoundView and DLJ Direct.

"The creation of Infogate unites a talented management team, robust development and financial resources, and a strong base of existing users to create a stronger business," said idealab! Founder and Chairman Bill Gross. "idealab! looks forward to continued involvement in this win-win relationship."

Editor's Note:

Infogate delivers personalized, timely news and information directly to users' desktops via the Internet. The company's flagship product, Infogate 4.0, is a free information service offering users a streaming, up-to-the-minute feed of personalized content including, news, business information, real-time stock quotes, sports and entertainment. In addition, Infogate offers users powerful alerting functionality that notifies them of news and information relevant to their interests as it happens, in an active manner. Infogate has dual headquarters in San Diego and New York, and its major investors include idealab!, Citigroup, and The Trump Group. SOURCE Infogate, Inc.

[Reference]

Message No: Industry: BANKING/FINANCIAL SERVICES; COMPUTER/ELECTRONICS;

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Databases selected: Multiple databases...

The New York Times

'Push' Technology Lives, but Now You Pay for It

Laurie J. Flynn. **New York Times**. (Late Edition (East Coast)). New York, N.Y.: Aug 19, 2002. pg. C.3

Subjects: Advertising, Internet, Software, Technology
Companies: Infogate Inc (NAICS: 514199, 514210)
Author(s): Laurie J. Flynn
Document types: News
Column Name: *Compressed Data*
Section: C
Publication title: New York Times. (Late Edition (East Coast)). New York, N.Y.: Aug 19, 2002. pg. C.3
Source type: Newspaper
ProQuest document ID: 152180741
Text Word Count: 371
Document URL: <http://proquest.umi.com/pqdweb?did=152180741&sid=3&Fmt=3&cli entId=19649&RQT=309&VName=PQD>

Abstract (Document Summary)

Unlike Pointcast, the Infogate service does not cause customers' systems to crash repeatedly, said Clifford T. Boro, the chief executive at Infogate. Infogate does not have the same huge bandwidth requirements nor is it as disruptive. In fact, Mr. Boro is trying to distance Infogate from the buzzword: Rather than push, he said, "we're calling it 'proactive' " because " 'push' was obnoxious."

Full Text (371 words)

Copyright New York Times Company Aug 19, 2002

It has been six years since Pointcast made "push" technology an industry buzzword and only a little more than two years since the company was shut and the concept largely disavowed. But if you thought push was dead and gone, think again. In the last few months, Infogate, the company that acquired the Pointcast technology, has signed up a string of media companies that see push as a way of generating subscription revenue.

This version of push, which automatically displays information on computer screens throughout the day, is also different in other ways.

Unlike Pointcast, the Infogate service does not cause customers' systems to crash repeatedly, said Clifford T. Boro, the chief executive at Infogate. Infogate does not have the same huge bandwidth requirements nor is it as disruptive. In fact, Mr. Boro is trying to distance Infogate from the buzzword: Rather than push, he said, "we're calling it 'proactive' " because " 'push' was obnoxious."

In June, CNN became the newest Infogate client, offering customers a subscription service that includes CNN material as well as content from 3,000 other sources. The service, CNN Newswatch, which costs \$5.95 a month or \$59.95 a year, lets subscribers choose only the kind of news and information they want sent to them automatically in a ticker that runs across the top of their screen. Or they can have the desired material sent by e-mail or to a cellphone.

USA Today has signed on as an Infogate partner, offering USA Today NewsTracker service for \$4.95 a month or \$39.95 a year.

Infogate came to own the Pointcast technology through a circuitous route. In 1999 Pointcast sold its assets to LaunchPad, a San Diego company that soon after changed its name to EntryPoint. Just last year, EntryPoint merged with Internet Financial Networks, or IFN, and took the name Infogate, which is also the name of IFN's own push service for financial news). Infogate offered a free service with 1.5 million customers until it canceled it in March in favor of a subscription-based service.

But like so many media companies, Infogate faces an uphill battle when it comes to charging. "Getting consumers to pay for anything is difficult," Mr. Boro said. LAURIE J. FLYNN

[Illustration]
Drawing (Tom Bloom)

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Internet Financial Network's Infogate(TM) To Carry Associated Press News Services

PR Newswire. New York: Apr 29, 1998. pg. 1

Companies: Internet Financial Network, Inc

Dateline: New York

Publication title: PR Newswire. New York: Apr 29, 1998. pg. 1

Source type: Wire feed

ProQuest document ID: 29079835

Text Word Count 660

Document URL: <http://proquest.umi.com/pqdweb?did=29079835&sid=-1&Fmt=3&cli entId=19649&PQT=309&VName=PQD>

Abstract (Document Summary)

NEW YORK, April 29 /PRNewswire/ -- Internet Financial Network, Inc. (IFN) announced today an agreement with the Associated Press (AP) to provide AP News Services over InfoGate(TM), IFN's new Internet content platform. News content will be available from AP Online, Kyodo World Service, Canadian Press, CEO Wire and WorldSources Online. The Associated Press is the world's oldest and largest newsgathering organization.

"We are very happy to have AP provide InfoGate customers the ability to draw from AP's strong selection of high-profile business information services," said Cliff Boro, chief executive officer of IFN. "We believe InfoGate will be an excellent platform for delivering critical and timely content from the world's largest news provider. Like all services on InfoGate," added Boro. "AP Subscribers now using other content platforms can add InfoGate for a very small incremental cost."

Full Text (660 words)

Copyright PR Newswire - NY Apr 29, 1998

Industry: INTERNET MULTIMEDIA ONLINE; COMPUTER/ELECTRONICS

NEW YORK, April 29 /PRNewswire/ -- Internet Financial Network, Inc. (IFN) announced today an agreement with the Associated Press (AP) to provide AP News Services over InfoGate(TM), IFN's new Internet content platform. News content will be available from AP Online, Kyodo World Service, Canadian Press, CEO Wire and WorldSources Online. The Associated Press is the world's oldest and largest newsgathering organization.

AP Online includes over 600 up-to-the-minute stories a day. Compiled from the AP's national and international wires, topics range from Wall Street, corporate business and politics to sports, entertainment and news analysis. Kyodo World Service provides up-to-the-minute coverage of financial, economic, political and general developments from Japan and the Pacific Rim. The Canadian Press, a national news cooperative owned and financed by Canada's daily newspapers, covers stories from business and the arts to politics and breaking news. The AP CEO Wire taps into the minds of the world's most influential business leaders. Monday through Friday, the service delivers text from exclusive broadcast interviews with CEOs from companies such as AETNA, IBM, and US West within two hours of the broadcast. WorldSources Online is designed specifically to monitor business, financial, cultural, political and technological developments in Asia, Latin America and the Middle East.

"We are very happy to have AP provide InfoGate customers the ability to draw from AP's strong selection of high-profile business information services," said Cliff Boro, chief executive officer of IFN. "We believe InfoGate will be an excellent platform for delivering critical and timely content from the world's largest news provider. Like all services on InfoGate," added Boro. "AP Subscribers now using other content platforms can add InfoGate for a very small incremental cost."

IFN expects InfoGate to become the "distributor of choice for information providers." With InfoGate, providers control all aspects of pricing their content through subscriptions and pay per view information events. Unlike traditional content aggregators saddled with outdated communications infrastructures, InfoGate's state of the art software uses the Internet as

a real-time communications medium to receive as well as distribute proprietary information at up to four times the speed of the Web. InfoGate also will allow users to search an archive of AP content using Oracle's powerful plain text search engine, ConText.

"We are pleased to offer AP News Services through InfoGate," said AP Director of Licensing Ted Mendelsohn. "We also look forward to working with IFN on other InfoGate opportunities that may become available."

The Associated Press, a membership cooperative founded in 1848, is the world's oldest and largest newsgathering organization. Headquartered in New York, the AP has 144 bureaus in the United States and 93 abroad. The organization provides news, photos, graphics, video and multi-media services, and the technology to deliver these services to more than 1,500 newspapers and broadcast outlets worldwide. AP's broadcast newsroom software systems, including AP NewsCenter, AP NewsDesk and AP GraphicsBank, are used in more than 2,500 television stations, radio stations and networks around the world. Currently celebrating its 150th anniversary, AP employs more than 3,500 staffers in 237 bureaus. Its broadcast division is based in Washington, D.C.

In addition to carrying IFN's own SEC services, EdgarWatch and the IIA Award-winning Instant News, Boro noted that InfoGate's initial content providers are expected include American Banker, The Associated Press, CDA/Investnet, COMLINE, Comtex Scientific Corporation, First Call Corporation, Investext, Net Earnings, Securities Data Company and Standard & Poor's. "IFN continues with its aggressive InfoGate Content Partner program," he added.

IFN was founded in 1994. The Company has offices in New York City and Ft. Lauderdale, FL. In addition to InfoGate, IFN's products include EdgarWatch, Instant News (which also is offered over the ILX, ADP, and SIGNAL market quote platforms), Smart Edgar, and Smart Edgar News, a delayed news service similar to Instant News, which is available on Lycos StockFind. The Travelers Insurance Company (NYSE: TRV) and Data Broadcasting Corporation (Nasdaq: DBCC) together hold a controlling equity interest in IFN. SOURCE Internet Financial Network, Inc.

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Internet Financial Network Releases InfoGate(TM) 2.0 For Free Download Over Web

PR Newswire. New York: Sep 17, 1998. pg. 1

Dateline: *New York*

Publication title: PR Newswire. New York: Sep 17, 1998. pg. 1

Source type: Wire feed

ProQuest document ID: 34122151

Text Word Count 616

Document URL: <http://proquest.umi.com/pqdweb?did=34122151&sid=-1&Fmt=3&cli entId=196498&RQT=309&VName=PQD>

Abstract (Document Summary)

IFN made the announcements at the 1998 Financial Technology Expo underway this week at the Jacob Javits Center in New York. IFN president and CEO Cliff Boro discussed InfoGate 2.0 at the Expo, yesterday, in a forum entitled: "The Integration of Functionality and Content within an Internet Environment."

InfoGate tracks news, earnings announcements, research reports and SEC documents for an unlimited number of portfolios, using scrolling windows that InfoGate calls "Portals." Through industry codes, ticker symbols and several other database criteria, the portals filter real-time data from all of InfoGate's information sources. InfoGate's most unique feature is the user's ability to track real-time, plain English concepts and topics through Oracle's powerful plain text search engine, ConText(TM). While traditional content aggregators have been saddled with outdated communications infrastructures, InfoGate's state of the art software uses the Internet as a real-time communications medium, to receive as well as distribute information at up to four times the speed of the Web.

Full Text (616 words)

Copyright PR Newswire - NY Sep 17, 1998

Industry: BANKING/FINANCIAL SERVICES; INTERNET MULTIMEDIA ONLINE

IFN's CEO Explained Product, Strategy at Financial Technology Expo

NEW YORK, Sept. 17 /PRNewswire/ -- Internet Financial Network, Inc. (IFN) today announced the commercial release of its flagship program, InfoGate(TM) 2.0, which is free to all qualified users of financial information. The Company also announced the opening of a new Web download center at <http://www.ifn.com> to facilitate this strategy.

IFN made the announcements at the 1998 Financial Technology Expo underway this week at the Jacob Javits Center in New York. IFN president and CEO Cliff Boro discussed InfoGate 2.0 at the Expo, yesterday, in a forum entitled: "The Integration of Functionality and Content within an Internet Environment."

"Many enhancements to InfoGate have been achieved during the past several months of beta-testing and now the program is ready for commercial release," said Mr. Boro. "We are revolutionizing the marketplace by combining the free distribution magic of Netscape with Wall Street's proven business model of selling information that is worth paying money for."

InfoGate tracks news, earnings announcements, research reports and SEC documents for an unlimited number of portfolios, using scrolling windows that InfoGate calls "Portals." Through industry codes, ticker symbols and several other database criteria, the portals filter real-time data from all of InfoGate's information sources. InfoGate's most unique feature is the user's ability to track real-time, plain English concepts and topics through Oracle's powerful plain text search engine, ConText(TM). While traditional content aggregators have been saddled with outdated communications infrastructures, InfoGate's state of the art software uses the Internet as a real-time communications medium, to receive as well as distribute information at up to four times the speed of the Web.

InfoGate's Web Download Center enables qualified users to automatically download the software and register for a password. And, once the software is installed, a "wizard" feature helps users customize it to their particular information needs.

For the first 48 hours, InfoGate content is free. Thereafter, users have the option to purchase breaking news and other information either via credit card or through company billing. While site licenses and subscriptions are available, another unique InfoGate advantage is a pay-per-view option, with users informed in advance of the exact cost to download each document they highlight. Headline alerts and archive searches from virtually all sources remain free.

"No other program delivers the degree of real-time information screening that InfoGate provides," Mr. Boro said. "InfoGate cures what ails the Internet -- an information overload that is both diluted and delayed."

Several soft dollar brokers, including Merrill Lynch Citation and Knight Securities, already have agreed to distribute InfoGate to their clients. And the financial printer, Merrill Corporation, intends to use its sales force to distribute InfoGate among corporate clients and prospects nationwide.

InfoGate is completely unbundled, with the content providers, themselves, remaining in control of all aspects of pricing. "As a result, we expect InfoGate will become the distributor of choice for investment information," Mr. Boro said.

Mr. Boro noted that InfoGate carries IFN's own SEC services, EdgarWatch and the IIA Award-winning Instant News. InfoGate's third-party content providers include American Banker/Bond Buyer, The Associated Press, CDA/Investnet, COMLINE, Communications Industry Researchers, Comtex Scientific Corporation, First Call Corporation, InfoWorld, Integra Information, Investext, Net Earnings, Phillips Business Information, Securities Data Company, Standard & Poor's and Street Pricing Services. "Together, these content providers supply InfoGate with hundreds of information sources already," Mr. Boro said, "and we are in contract negotiations with dozens of other providers as well."

IFN was founded in 1994. The Company maintains offices in New York City and Ft. Lauderdale. The Travelers Insurance Company (NYSE: TRV) and Data Broadcasting Corporation (Nasdaq: DBCC) together hold a controlling equity interest in IFN. SOURCE Internet Financial Network

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